Missouri



September 1998





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If you need this publication in an alternative format, please contact the Center for Innovations in Special Education. Efforts will be made to accommodate your needs.

Center for Innovations in Special Education (CISE)

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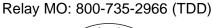




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Introduction

Secondary Education and Mental Health are pleased to share the *Missouri Autism Resource Guide*, developed by parents and professionals from all areas of the state. The resource guide is a direct result of the Interagency Agreement between the two departments and the accompanying activities for action. The purpose of the interagency agreement is to facilitate collaboration and coordination between the departments in the support of students with autism and their families. The agreement is located in the appendix of this guide.

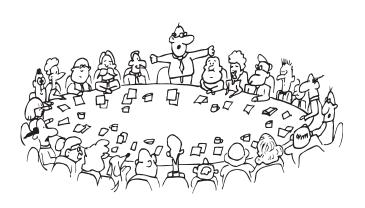
Members of the Interagency Advisory Committee for schoolaged children with autism included parents or other family members, representatives of Missouri Council of Administrators of Special Education (MOCASE), autism projects, Division of Mental Retardation and Developmental Disabilities, the Division of Special Education and Project ACCESS.

The group met over a 10-month period to better understand the roles and responsibilities of each organization serving school-aged children with autism, and to support and promote respect and communication among families, local school districts, the autism projects and state agencies. Following final approval by the committee, the document was formally signed by Roy Wilson, M.D. and Robert Bartman, Ed.D., directors of the Department of Mental Health and Elementary and Secondary Education, respectively. This agreement and the accompanying activities for action are working, changing documents. Representatives from school districts and the Autism Advisory Committee for the Department of Mental Health will meet twice each year to discuss issues and make recommendations to the departments of Elementary and Secondary Education and Mental Health.

It is our hope that as we accomplish activities others will be added, and by working together, positive changes will occur for children with autism.

This guide is not intended to provide great detail on any one subject relating to autism; rather it is to serve as a road map to facilitate finding relevant information on numerous subjects. It is not necessarily the intent to recommend the resources listed nor to reflect negatively on ones that may have been omitted. It certainly is not an exhaustive listing of resources on autism.

We understand that references in the guide will need to be changed and additions made in the upcoming years. It is our intent to publish an updated version in approximately two years.



Commonly Used Acronyms & Definitions

AAC Augmentative and Alternative Communication

ABA Applied Behavior Analysis

ADA Americans with Disabilities Act

Adaptive BehaviorsThe ability to adjust to environments, tasks, objects, or people, and to apply skills to situa-

tions. Refers to skills for meeting personal and social demands of one's environment.

ADD Attention Deficit Disorder

ADHD Attention Deficit Hyperactivity Disorder

ARC Association for Retarded Citizens of the United States

ASA Autism Society of America

Asperger's Disorder Medically diagnosed syndrome with similarities to high-functioning autism.

Assessment Process by which an individual's strengths and weaknesses are identified. Includes formal

and informal testing and observations; term is often used interchangeably with evaluation.

Autism Autism is difficult to define and there are a variety of definitions. It is a developmental

disability and a neurophysiological disorder. It is diagnosed through observed characteristics and social behaviors. It is a life-long communication, sensory, and interactional disabil-

ity. It varies in severity across individuals but is treatable.

BD Behavior Disorder

CA Chronological Age

CEC Council for Exceptional Children

CFR Code of Federal Regulations

Childhood DisintegrativeThis is listed in the Diagnostic and Statistical Manual-Fourth Edition (DSM-IV) as one of

the pervasive developmental disorders. It is characterized by progressive regression in mo-

tor, language and cognitive skills.

CIL Center for Independent Living

Commonly Used Acronyms & Definitions...

Developmental Disability; Developmental Delay; Disability Determinations

DESE Department of Elementary and Secondary Education

Developmental Disability A handicap or impairment originating before the age of 18 which constitutes a substantial

disability and that may be expected to continue indefinitely.

DFS Division of Family Services

Diagnostic & Statistical Manual of Mental Disorders

A manual published by the American Psychiatric Association (APA) that describes all of

the diagnostic criteria and systematic descriptions of various mental disorders.

DMH Department of Mental Health

DSM-IV Diagnostic and Statistical Manual-Fourth Edition

Echolalia Repetition of phrases or words; may be immediate or delayed.

ECSE Early Childhood Special Education

ED Emotional Disturbance; Emotional Disorder

Effective Practice Any valid procedure supporting learning growth in students with autism. May or may not

be researched-based.

Education of all Handicapped Act (PL94-142)

ESYP Extended School Year Program

Expressive Language The ability to use gestures, oral speech, or written symbols to communicate.

FAPE Free and Appropriate Public Education

FERPA Family Education Rights and Privacy Act (Buckley Amendment)

IDEA Individuals with Disabilities Education Act (formerly EHA)

Individualized Education Program

IFSP Individualized Family Service Plan

IHP Individual Habilitation Plan – for clients of the Division of MRDD

Commonly Used Acronyms & Definitions...

Inclusion Participation in age-appropriate settings with nondisabled peers

IPC Individual Plan of Care – for clients of the Division of MRDD for the Medical Waiver

Program

IPP Individualized Personal Plan

Intelligence Quotient (as tested)

ISL Individualized Supported Living

ITP Individualized Transition Program/Plan

IVEP Individualized Vocational Educational Plan

IWRP Individualized Written Rehabilitation Program

LEA Local Education Agency (school district)

Least RestrictiveTo the maximum extent appropriate, children with disabilities, including children in public **Environment (LRE)**or private institutions or other care facilities, are educated with children who are not dis-

or private institutions or other care facilities, are educated with children who are not disabled. Special classes, separate schooling or other removal of children with disabilities from the general educational environment occurs only when the nature or severity of the child's disability is such that education in general classes with the use of supplementary aids and

services cannot be satisfactorily achieved.

LD Learning Disability

MA Mental Age – a calculation made using IQ and CA

MOPAS Missouri Protection and Advocacy Services

MO-SPAN Missouri Statewide Parent Advisory Network

MO TASH Missouri Association for Persons with Severe Handicaps

MPACT Missouri Parents Act – Missouri parent information and training center authorized by IDEA

MR Mental Retardation

MRDD Division of Mental Retardation and Developmental Disabilities

P&A Protection & Advocacy (Missouri Protection and Advocacy)

Paraprofessional; Paraeducator; Classroom Aide

Paraprofessional An individual hired to assist within a classroom or as a one-on-one assistant under the

supervision of a certificated teacher. May be referred to as a paraeducator or classroom aide.

Commonly Used Acronyms & Definitions...

PBS Positive Behavioral Support

PDD Pervasive Developmentally Delayed; Pervasive Developmental Disorder is the umbrella

category under which autism falls in the Diagnostic and Statistical Manual (DSM-IV).

PDD-NOS Pervasive Developmental Disorder – Not Otherwise Specified is a diagnosis given to indi-

viduals who are in the PDD spectrum who don't meet the criteria for autism, Asperger's

Disorder, Rett's Disorder, or Childhood Disintegrative Disorder.

Perseveration Repetitive movement, thought or speech

Positive Reinforcement A procedure by which a stimulus, event or object is presented contingent upon a response,

usually immediately following the response, resulting in the likelihood that the response

will be strengthened or maintained.

Receptive Language The ability to understand spoken and written communication as well as gestures.

Rett's Disorder This syndrome is listed under Pervasive Developmental Disorder in the DSM-IV because at

times it is mistaken for autism. It occurs only in girls and is characterized by regression in

motor, language and cognitive skills.

Sensorimotor Integration Process by which the nervous system receives, organizes, filters and integrates sensory and

motor information in order to make an appropriate response.

Senate Bill 40 – county tax levy for services to persons with developmental disabilities. Not

present in all Missouri counties.

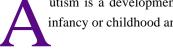
SB40 BoardBoard that administers county tax levy for services to persons with developmental disabili-

ties.

Supplemental Security Income Benefits under Title XVI of the Social Security Act.

Educational Definition of Autism

(Source: Missouri State Plan for Special Education)



utism is a developmental disability which may occur concurrently with other disabilities. Onset appears during infancy or childhood and is behaviorally defined to include disturbances in four areas:

- 1 Developmental rates or sequences;
- **2** Responses to sensory stimuli;
- 3 Speech, language-cognitive capacities, nonverbal communication; and
- 4 Capacities to relate to people, events, objects, and which adversely affects educational performance.

Educational performance shall be interpreted as not only classroom applications of academic skills and concepts, but also as generalization of skills and behaviors such as social interaction, functional communication, prevocational and vocational skills and behaviors to other environments.

Essential features of autism include:

1 Disturbances in developmental rates or sequences:

Normal coordination of the developmental areas (cognitive/adaptive behavior, speech, language, fine motor, gross motor and social/emotional/behavioral) is disrupted. Delays, arrests or regressions occur among or within one or more of the areas.

Within areas

For example, within the social/emotional/behavioral area, the student may respond to attempts by others to interact but not initiate interactions with others; or within the cognitive/adaptive behavior area, nonverbal intelligence scores may be markedly higher then verbal scores yet significantly lower than adaptive abilities.

Between areas

For example, excellent gross motor and balance skills may be present while social interaction skills are delayed; or speech may be present but not used for social communication purposes.

Arrests, delays and regressions

For example, development may be normal up to a point at which there is an arrest, such as when walking stops; or some cognitive skills may develop at expected times while others are delayed or absent; or imitative behavior or speech may be delayed in onset followed by rapid acquisition of some skills in these areas.

Educational Definition of Autism...

2 Disturbances in responses to sensory stimuli:

There may be generalized hyperactivity or hypoactivity or alternation of these two states over periods ranging from hours to months.

Visual symptoms (seeing)

There may be close scrutiny of visual details; apparent nonuse of eye contact; staring, prolonged regarding of hands or objects; attention to changing levels of illumination.

Auditory symptoms (hearing)

There may be close attention to self-induced sounds; non-response or over-response to varying levels of sound.

Tactile symptoms (touch)

There may be over- or under-response to touch, pain and temperatures; prolonged rubbing of surfaces; sensitivity to food textures.

Vestibular symptoms (balance)

There may be over- or under-reactions to gravity stimuli, whirling without dizziness and preoccupation with spinning objects.

Olfactory and gustatory symptoms (smelling and tasting)

There may be repetitive sniffing, specific food preferences; licking of inedible objects.

Proprioceptive symptoms (movement)

There may be posturing, darting/lunging movements, hand flapping, gesticulations and grimaces.

3 Disturbances in speech, language-cognitive and nonverbal communication:

Speech symptoms

Elective mutism, delayed onset, immature syntax, immature articulation and modulated but immature inflections.

Language-cognition symptoms

Specific cognitive capacities such as rote memory and visual-spatial relations may be intact with failure to develop the use of abstract terms, concepts and reasoning; immediate or delayed echolalia with or without communicative intent; nonlogical use of concepts; neologisms.

Nonverbal communication

Absent or delayed development of appropriate gestures; disassociation of gestures from language; failure to assign symbolic meaning to gestures.

Educational Definition of Autism...

4 Disturbances in capacities to relate to people, events or objects

There is failure to develop appropriate responsiveness to people and to assign appropriate symbolic meaning to objects or events.

Examples in relation to people

Absence, arrests or delays of smiling response, stranger anxiety, anticipatory response to gestures, playing peek-a-boo, patty-cake games or waving bye-bye, failure to make eye contact or display facial responses, failure to make reciprocal responsiveness to physical contact and failure to develop a relationship with significant caretakers. For example, caretakers may be treated indifferently, interchangeably, with only mechanical clinging or with panic at separation. Cooperative play and friendships, usually appearing between the ages of 5 and 7 years, may develop but are superficial, immature and only in response to strong social cues.

Examples in relation to objects

Absent, arrested or delayed capacities to use objects, or to assign them symbolic or thematic meaning. Objects are often used in idiosyncratic, stereotypic or perseverative ways. Interference with the use of objects often results in expressions of discomfort or panic.

Examples in relation to events

There may be a particular awareness of the sequence of events, and disruption of this sequence may result in expressions of discomfort or panic.

Associated features of autism may include:

Other disturbances of thought, mood and behavior and may vary with age. These disturbances are listed below.

- * Mood may be labile. Crying may be unexplained or inconsolable; there may be giggling or laughing without identifiable stimuli.
- * There may be a lack of appreciation of real dangers, such as moving vehicles, as well as inappropriate fears.
- * Self-injurious behaviors, such as hair pulling and hitting or biting parts of the body, may be present.
- * Stereotypic and repetitive movements of limbs or the entire body are common.

Criteria for initial determination of eligibility:

After completing all steps required in the special education process, a team of qualified professionals and the parent may determine that the student displays autism if disturbances in *all* four of the following areas are present or can be documented in past behavior. Behaviors may be present in any combination of levels. These behaviors should be assessed in terms of what differs from behaviors appropriate for the child's cognitive ability levels.

Disturbances in developmental rates or sequences: The student may exhibit delays, arrests or regressions in physical, social or learning skills. Areas of precocious skill development may also be present, while other skills may develop at normal or extremely depressed rates. The order of skill acquisition frequently does not follow normal developmental patterns.

Disturbances in responses to sensory stimuli: The student's behavior may range from being hyperactive to unresponsive to people and objects in his/her environment, and the behavior can alternate between these two states over periods ranging from hours to months. Disturbances may be apparent in auditory, visual, olfactory, gustatory, tactile and kinesthetic responses. The student may respond to stimulation inappropriately and in repetitive or nonmeaningful ways.

Disturbances in speech, language-cognitive and nonverbal communication: The student displays abnormalities which extend beyond speech to many aspects of the communication process.

- * Communicative language may be absent or, if present, language may lack communicative intent.
- Characteristics may involve both deviance and delay. There is a basic deficit in the capacity to use language for social communication, both receptively and expressively.

Disturbance in capacities to relate to people, events or objects: There is a basic deficit in the capacity to form relationships with people. The capacity to use objects in an age-appropriate or functional manner may be absent, arrested or delayed. The child may seek consistency in environmental events to the point of exhibiting rigidity in routines.

These characteristics are not *primarily* caused by:

- X Visual, auditory acuity, or motor deficits;
- X Behavior disorders/emotional disturbance;
- X Mental retardation; or
- X Environmental, economic disadvantages or cultural differences.

Educational Definition of Autism...

The determination of whether a student is a student with autism as defined under IDEA is made by a team of qualified professionals and the parent of the child. The evaluation process must include input from a person with competence in autism. Evaluation of students with autism for educational programming generates unique issues. These issues include the need for assessment of functionality. This is made necessary by the inherent difficulties in skills generalization that most autistic persons exhibit. In data gathering, particular attention should be paid to developmental history, including a family interview and complete medical information; direct behavioral observations conducted on different days in multiple environments including, but not necessarily limited to, school settings; and written, dated anecdotal records of a behavioral nature.

Any diagnosis under IDEA, including autism, does not dictate a specific placement. It is important when considering an educational placement for students with autism to base such decisions on the assessed strengths and needs of the student, rather than on stereotypical reactions to the label of autism. Any certified teacher(s) qualified to provide the services delineated in the Individualized Education Program (IEP) may do so. Students with autism may be served in a variety of educational settings. It is critical to have access to staff who are competent in working with students with autism and who will respond to their unique learning characteristics.

Medical Definition of Autism

DSM-IV – Pervasive Developmental Disorder - Severe and pervasive impairment in several areas of development.

Subgroups of PDD: Autistic Disorder; Rett's Disorder; Childhood Disintegrative Disorder; Asperger's Disorder; Pervasive

Developmental Disorder-Not Otherwise Specified (Including Atypical Autism).

Diagnostic criteria for autistic disorder

- A. A total of six (or more) items from ◑, ②, and ③, with at least two from ◑ and one each from ② and ③:
 - Qualitative impairment in reciprocal social interactions, as manifested by at least two of the following:
 - Marked impairment in the use of multiple, nonverbal behaviors;
 - * Failure to develop peer relationships appropriate to developmental level;
 - Lack of spontaneous seeking to share enjoyment, interests and achievement;
 - * Lack of social or emotional reciprocity.
 - **Q** Qualitative impairment in communication, as manifested by at least one of the following:
 - Delay in, or total lack of, the development of spoken language;
 - In individuals with adequate speech, marked impairment in the ability to initiate or sustain conversation with others;
 - * Stereotyped and repetitive use of language or idiosyncratic language;
 - Lack of varied, spontaneous make-believe play or social imitative play appropriate to developmental level.
 - Restricted repetitive and stereotypical patterns of behavior, interests and activities, as manifested by at least one of the following:
 - * Encompassing preoccupation with one or more stereotyped and restrictive patterns of interest that is abnormal either in intensity or focus;
 - * Apparent inflexible adherence to specific, nonfunctional routines or rituals;
 - Stereotyped and repetitive motor mannerisms;
 - * Persistent preoccupation with parts of objects.
- B. Delays or abnormal functioning in at least one of **0**, **2**, or **3** above, with onset prior to age 3 years.
- C. The disturbance not better accounted for by Rett's Disorder or Childhood Disintegrative Disorder.

Comparison of Definitions of Autism

	DSM-IV (1994)	DSM-IV (1994)	ASA (1900)	IDEA (1991)
Name of Disorder	Autistic Disorder	Asperger's Disorder	Autism	Autism
Prevalence	2 to 5 / 10,000*	Information on the prevalence of Asperger's Disorder is limited, but it appears to be more common in males.	15 / 10,000	Not Specified
Onset	During infancy or childhood. Prior to age 3 years.	Somewhat later than Autistic Disorder. Motor delays or motor clumsiness may be noted in the preschool period. Difficulties in social interactions may become more apparent in the context of school. This disorder apparently follows a continuous course and, in the vast majority of cases, the duration is lifelong.	First three years of life.	Generally evident before age 3.
Social	Quantitative impairment in reciprocal social interaction.+	Qualitative impairment in reciprocal social interation.+	Abnormal ways of relating to people, events and objects.	Significantly affects social interaction.
Language	Qualitative impairment in verbal and nonverbal communication and in imaginative activity.+	No clinically significant general delay in language (e.g., single words used by age 2 years, communicative phrases used by age 3 years).	Speech and language are absent or delayed, specific thinking capabilities may be present.	Significantly affects verbal and nonverbal communication.
Other	Markedly restricted repetitive and sterotyped patterns of behavior, interests and activities.	Restricted repetitive and sterotyped patterns of behavior, interests and activities. No clinically significant delay in cognitive development or in the development of age-appropriate self-help skills, adaptive behavior (other than in social interaction and curiosity about the environment in childhood.)	Abnormal response to sensations. Disturbance in the rate of appearance of physical, social and language skills.	Unusual responses to sensory experiences (listed as characteristic Adversely affects educational performance Rules out "serious emotional disturbance."
Related Disorder(s)	Pervasive Developmental Disorder—Not Otherwise Specified (Including Atypical Autism): This category should be used when there is a severe and pervasive impairment in the development of reciprocal social interaction or verbal and nonverbal communication skills, or when stereotyped behavior, interests and activities are present, but the criteria are not met for a special Pervasive Developmental Disorder, Schizophrenia, Schizotypal Personality Disorder or Avoidant Personality Disorder. For example, this category includes "atypical autism"—a presentation that does not meet the criteria for Autistic Disorder because of late age at onset, atypical symptomatology, subthreshold symptomatology, or all of these.	Criteria are not met for another specific PDD or Schizophrenia.	*This rate reflects the prevalence for autistic disorder only. +This criterion is met only if the behavior is abnormal for the person's developmental level.	

Missouri Department of Elementary and Secondary Education

- We provide leadership and promote excellence.
- We champion high-quality public education.
- We advocate equity for every learner.
- We develop school leaders and other educational team members.
- We establish standards that demand excellence and build a solid foundation for lifelong learning, workplace skills and citizenship.
- We evaluate program and policy effectiveness.
- **♦** We share best practices.
- We carry out programs with the least administrative burden and cost.
- We assist persons with disabilities by providing individualized support and services.
- We create a caring workplace that fosters teamwork and personal and professional growth.
- We promise to greatly exceed customers' expectations.
- We listen to those we serve in order to improve our operations and adapt to changing needs.
- We forge partnerships to improve our services.
- We value each employee's contribution to achieving this mission.

P.O. Box 480 Jefferson City, MO 65102-0480 (573) 751-5739 Fax [573] 526=4404 www.dese.state.mo.us



"Making a positive difference through education and service."

he Missouri Department of Elementary and Secondary Education is a team of dedicated individuals working for the continuous improvement of education and services for all citizens. We believe that we can make a positive difference in the quality of life for all Missourians by providing exceptional service to students, educators, schools and citizens.



The Missouri Department of Elementary and Secondary Education is comprised of six divisions. Two divisions—Special Education and Vocational Rehabilitation – specifically deal with students and individuals with disabilities.



Division of Special Education

P.O. Box 480 Jefferson City, Missouri 65102 Phone (573) 751-0699

Fax: [573] 526=4404

www.dese.state.mo.us/divspeced/index.html

Special Education School Improvement Section

For information about compliance with IDEA or responsibilities of local school districts, contact the Special Education School Improvement Section. Refer to the map on the next page for the appropriate number for your location.

Area Supervisors for Special Education

	-	
Area 1 (573) 751-1739	Area 2	(573) 751-0589
Area 3 (573) 651-2866	Area 4	(573) 751-7661
Area 5 (573) 751-0727	Area 6	(573) 751-0625
Area 7 (573) 751-0188	Area 8	(417) 836-6082
Area 9 (573) 751-1541	Area 10	(314) 516-4521

Early Childhood Special Education Section (ECSE)

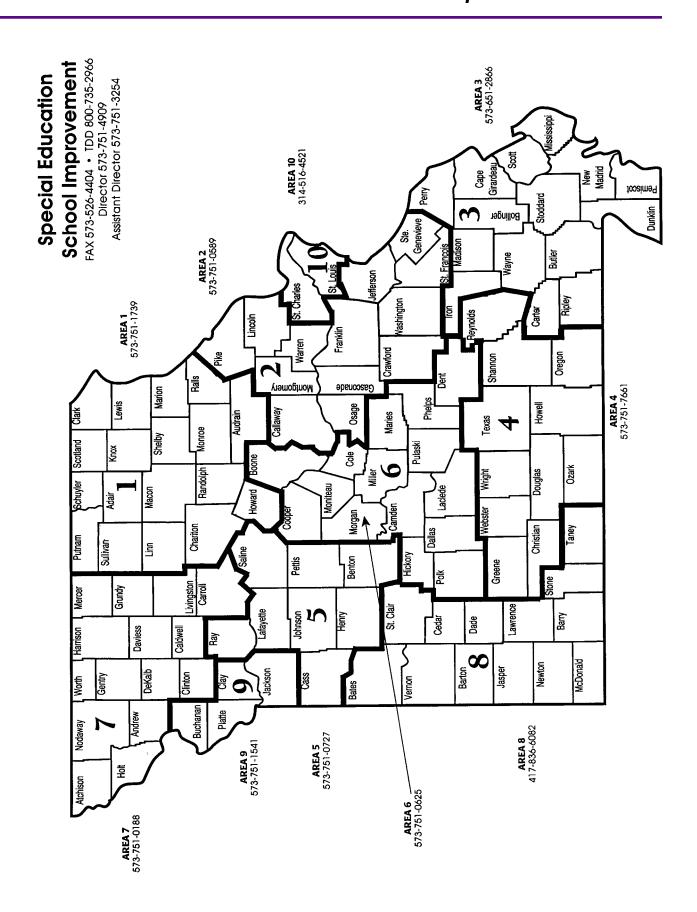
For information about First Steps or ECSE contact the main office at (573) 751-0187. Refer to the map on page 19 for the appropriate number for your location.

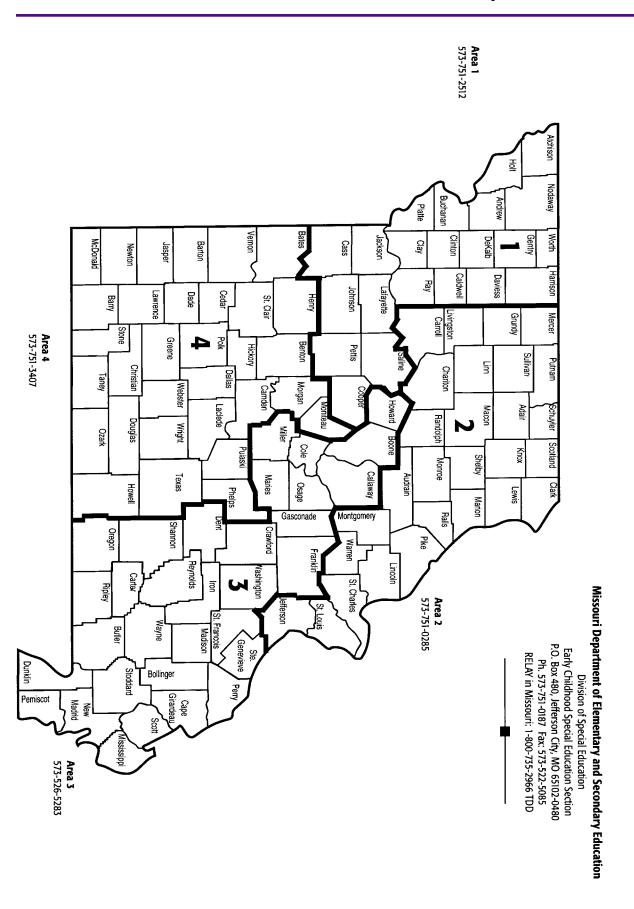
SE & Central MO	(573) 526-5283
NW	(573) 751-2512
NE	(573) 751-0285
SW	(573) 751-3407

Private Schools

For a listing of private schools approved by the Department of Elementary and Secondary Education, call (573) 751-0699 and ask for a list of private agencies approved to provide educational services.

Families may also wish to contact their local autism project for other schools in their area.





Special Education Projects and Services...

project ACCESS is a cooperative effort between the Missouri DESE and Southwest Missouri State University. ACCESS provides support and technical assistance to school districts serving students with autism.

Staffed with resource specialists in autism and graduate students from SMSU, ACCESS offers two major types of services to Missouri public schools: staff development activities and library resources. These services are available on a statewide basis.

Project ACCESS

Southwest Missouri State University 901 S. National Springfield, MO 65804

(417) 836-6755; Fax: [417] 836=4118 E-mail: shb793t@vma.smsu.edu www.smsu.edu/contrib/access

The following fact sheets are available upon request:

- Transitioning to the Next Environment: Transition Planning for the Student Under Age 14 (February 1992)
- 2. Visual Scheduling: What It Is and How to Get Started (May 1992)
- Integrating Through Reverse Chaining: How to Teach Tolerance of an Integrated Setting (May 1992)
- 4. About Autism... and Young Children (July 1992)
- The Teacher's Checklist: Questions to Ponder When Reviewing Your Program (April 1993)
- 6. Life Referenced Curricula for Students with Autism (May 1992)
- 7. Auditory Integration Training (April 1993)
- 8. Sensory Integration: An Educational View (April 1993)
- 9. Facilitated Communication (June 1994)
- 10. Transition for Continuity and EMPLOYABILITY (June 1994)
- 11. Direct Social Skills Instruction (April 1993)
- 12. Positive Behavioral Support (April 1993)
- 13. Autism or Pervasive Developmental Disorder: What's the Difference (February 1996)
- 14. About Autism (February 1995)
- 15. The Paraprofessional's Role in Curriculum Adaptation (February 1996)
- Practical Tips on Adapting Curriculum for Diverse Learners (February 1996)
- 17. Body Talk: Learning to Speak Nonverbal Language (February 1996)
- 18. An Interview with Dr. Edna Smith-Herron (June 1996)
- Do You Need a Visit From a Missouri Autism Consultant? (September 1996)
- Do You Need an Autism Consultant in Your School District? (October 1996)

Project ACCESS has assembled frequently requested information into a series of packets which will be mailed out upon request. These packets include:

- 1. ACCESS Fact Sheets
- 2. Asperger's Disorder
- 3. Auditory Training
- 4. Communication Devices
- 5. Circle of Friends
- 6. Diet and Autism
- 7. Discrete Trial Training Formats
- 8. Evaluation of Students with Autism
- 9. Facilitated Communication
- 10. Functional Assessment of Behavior
- 11. High Functioning Autism
- 12. Individualized Education Plans
- 13. Introduction to Autism
- 14. Parent's Packet
- 15. Language Assessment
- Low/No Tech Communication
- 17. Medications and Autism
- 18. Sensorimotor Issues
- 19. Social Stories



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Fax: [573] 884=6300

http://tiger.coe.missouri.edu/~mocise

n July 1, 1994, the Center for Innovations in Special Education (CISE) was established and represents the successful merger of the Special Education Dissemination Center and the Missouri LINC programs. Our mission is to provide professional development services and resources for those who ensure all learners achieve their potential.

CISE offers a range of services, including written materials, conferences, training and resources for loan to educators in their professional growth and in the delivery of services to students with disabilities.



Missouri Technology Center for Special Education

Missouri Technology Center for Special Education
5100 Rockhill Road
School of Education, Room 24
Kansas City, MO 64110
(800) 872-7066
techctr@smtpgate.umkc.edu
http://techctr.educ.umkc.edu/welcomepage

Assistive technology redefines what is possible for students with a wide range of cognitive, sensory and physical disabilities. The mission of the Technology Center is to provide comprehensive training, products, information and support specific to computer access and augmentative communication. The center offers its services and products to educators in Missouri school districts, state education agencies, colleges and universities. Many of the Technology Center's publications and products can be found on our Web site.



State Schools for Severely Handicapped

State Schools for Severely Handicapped P.O. Box 480 Jefferson City, Missouri 65102 (573) 751-4427

State Schools for Severely Handicapped is a statewide, public school system serving Missouri students with severe disabilities between the ages of 5 and 21 years. Many school districts serve students with moderate to severe disabilities, and the Outreach Services available through State Schools for Severely Handicapped are designed to support these efforts through staff development activities, technical assistance and the provision of resource information.



Missouri School for the Blind

3815 Magnolia Ave. St. Louis, MO 63110-4099 (314) 776-4320

E ducators look to the Missouri School for the Blind for expertise on blindness and leadership in the field of education for children with visual impairments. With their campus in St. Louis, School for the Blind provides technical assistance, assessment and information throughout the state. Through workshops and university course work, educators become more aware of the unique curriculum and assessment needs of learners who are blind or deaf/blind.

M issouri provides a well-rounded education program for the deaf children of the state through the facilities and services of the Missouri School for the Deaf (MSD). The Missouri legislature established MSD in 1851, and it is the oldest state-supported school of its kind west of the Mississippi River.

Separate facilities are provided for elementary, junior high and senior high school students, who occupy a campus of nearly 90 acres. Students are prepared for the world of work and for post-secondary education opportunities, according to each individual's potential. MSD graduates are self-supporting deaf men and women who live and work in all parts of the state and throughout the nation.



Missouri School for the Deaf

505 E. Fifth St. Fulton, MO 65251-1799 (573) 592-4000 (Voice/TDD) sfritz@msd.k12.mo.us www.msd.k12.mo.us

Vocational Rehabilitation (VR) is funded both by the federal and state government. A division of the Department of Elementary and Secondary Education, its mission is to help persons with physical or mental disabilities become employed.

VR maintains district offices throughout the state to provide direct services to individuals who receive one-on-one counseling and guidance, training, retraining and other assistance so they can achieve gainful employment.

Depending on an individual's needs, the agency can provide medical exams and treatment, artificial appliances (like limbs or hearing aids), vocational training other educational assistance and job placement help.

Division of Vocational Rehabilitation

3024 W. Truman Blvd.
Jefferson City, MO 65109-0525
(573) 751-3251
Fax: [573] 751=1441
TDD (573) 751-0881
www.dese.state.mo.us/divvocrehab

MISSOURI DIVISION OF VOCATIONAL REHABILITATION

9/01/98

3024 West Truman Boulevard Jefferson City, MO 65109-0525

Phone: (573) 751-3251 Fax: (573) 751-1441 TTY: (573) 751-0881

Cape Girardeau VR Office

3102 Blattner Drive, Suite 103 P.O. Box 1087 (63702-1087) Cape Girardeau, MO 63703-2125

Phone: (573) 290-5788 Fax: (573) 290-5921 TTY: (573) 290-5385

Chillicothe VR Office

603 West Mohawk Road P.O. Box 980 (64601-0980) Chillicothe, MO 64601-3000 Phone: (660) 646-1542 Fax: (660) 646-9741

Columbia VR Office

409 Vandiver Dr, Bldg 5, Ste 101 Columbia, MO 65202-1563 Phone: (573) 882-9110 Fax: (573) 884-5250 TTY: (573) 882-9117

Farmington VR Office

800 Progress Drive P.O. Box 230 (63640-0230) Farmington, MO 63640-9157 Phone: (573) 756-5727 Fax: (573) 756-2996

Hannibal VR Office

112 Jaycee Drive Hannibal, MO 63401-2275 Phone: (573) 248-2410 Fax: (573) 248-240

Jackson County E VR Office

4141 NE Lakewood Way Lee's Summit, MO 64064-1704 Phone: (816) 795-0024 Fax: (816) 795-0456

Jefferson City VR Office

207 Metro Drive Jefferson City, MO 65109-1135 Phone: (573) 751-2343 Fax: (573) 526-4474

Joplin VR Office

801 East 15th Joplin, MO 64804-0922 Phone: (417) 629-3067 Fax: (417) 629-3148

Kansas City Downtown VR Office

615 E 13th Street, G-3, KC State Bld Kansas City, MO 64106-2870 Phone: (816) 889-2581

Kansas City North VR Office

Fax: (816) 889-2586

310 N.W. Englewood Rd, Ste 300 Gladstone, MO 64118-0400 Phone: (816) 467-7900 Fax: (816) 467-7924

Kansas City South VR Office

1734 East 63rd Street, Room 201 Kansas City, MO 64110-3537 Phone: (816) 889-3800 Fax: (816) 889-3806

Kirksville VR Office

1412 N Osteopathy, Suite B Kirksville, MO 63501-3581 Phone: (660) 785-2550 Fax: (660) 785-2552

Nevada VR Office

1801 West Austin P.O. Box Drawer F (64772-0935) Nevada, MO 64772-3971 Phone: (417) 667-5081 Fax: (417) 667-9731

Poplar Bluff VR Office

2865 James Boulevard Poplar Bluff, MO 63901-2803 Phone: (573) 840-9550 Fax: (573) 840-9551

Rolla VR Office

1101 West Kingshighway P.O. Box 550 (65402-0550) Rolla, MO 65401-0550 Phone: (573) 368-2266 Fax: (573) 368-2382

St. Charles VR Office

3737 Harry S Truman Blvd Ste 400 St. Charles, MO 63301-4052 Phone: (314) 946-2788 Fax: (314) 947-6038

St. Joseph VR Office

525 Jules, Room 201 St. Joseph, MO 64501-1990 Phone: (816) 387-2280 Fax: (816) 387-2089

St. Louis Downtown VR Office

901 North Tenth Street, Suite 120 St. Louis, MO 63101 Phone: (314) 340-7926

Phone: (314) 340-7926 Fax: (314) 340-7930

St. Louis North VR Office

13075 New Halls Ferry Road Florissant, MO 63033 Phone: (314) 830-0500 Fax: (314) 830-0590

St. Louis South VR Office

Kenrick Plaza Shopping Center 7435 Watson Road, Suite 100-B St. Louis, MO 63119-4498 Phone: (314) 962-1125 Fax: (314) 962-1359

St. Louis West VR Office

1845 Borman Court, Suite 100 St. Louis, MO 63146-4126 Phone: (314) 340-4621 Fax: (314) 340-4666 TTY: (314) 340-4656

Sedalia VR Office

2115 West Broadway Sedalia, MO 65301-2114 Phone: (660) 530-5560 Fax: (660) 530-5567

Springfield North VR Office

819 Boonville Avenue Springfield, MO 65802 Phone: (417) 895-5863 Fax: (417) 895-5869 TTY: (417) 895-5868

Springfield South VR Office

2550-Q South Campbell Springfield, MO 65807 Phone: (417) 888-4242 Fax: (417) 888-4247

West Plains VR Office

3417 Division Drive, Suite 2 P.O. Box 166 (65775-1066) West Plains, MO 65775-1818 Phone: (417) 256-8294 Fax: (417) 256-8479

Educational Rights

hildren with disabilities, including autism, are covered by several federal laws, including the Individuals with Disabilities Education Act (IDEA). This law provides for a free and appropriate public education (FAPE) for every child aged 3-21 years who has an educational disability as defined by the state. Some educational rights are also protected under the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973.

Every child who is eligible to receive special education and related services as defined by IDEA will receive an Individualized Education Program, or IEP. As the name implies, the educational program should be tailored to the individual student to provide educational benefit. This is important especially for children with autism because a program appropriate for one child may not be appropriate for another.

The following resources can assist parents in understanding their educational rights under IDEA:

Department of Elementary and Secondary Education, Division of Special Education, Special Education School Improvement

(573) 751-0699

Missouri Parents Act (MPACT)

See page 41.

MO Protection & Advocacy

See page 42.

Office of Special Education Programs (OSEP)

Education Department 400 Maryland Ave. Southwest Mail Stop 2561 Washington, DC 20202 (202) 205-5507



The Office of Special Education Programs, OSEP, can also be a resource of information on education rights. If you have a question regarding IDEA, you may wish to write OSEP for clarification of the law.

Other Resources and Information about Educational Services in Missouri

Parent's Guide To Special Education in Missouri

his guide helps parents of children with disabilities through the special education process and assists them in working with school personnel. The guide is available through the CISE lending library (ask for Loan Package #255). The guide may also be purchased through a catalog (reference #92-0100-I) from:

Instructional Materials Laboratory (IML)

University of Missouri-Columbia 2316 Industrial Drive Columbia, MO 65202

(800) 669-2645 Fax: [573] 882=1992





Parents as Teachers (PAT)

Parents as Teachers National Center, Inc. 10176 Corporate Square Drive, Suite 230 St. Louis, MO 63132 (314) 432-4330 Fax [314] 432=8963 www.patnc.org/home.html

Parents as Teachers (PAT) is an internationally respected family education and support program for parents with children from birth through age 5 years. The program is for all families. It is a partnership of the home, the school and the community based on the philosophy that parents are their children's first and most influential teachers.

Parents as Teachers professionals provide timely information to all families through personal visits, group meetings, screenings and a resource network. The primary goal is to empower parents to give their child the best possible start in life, laying the foundation for school and life success. Parents can call their school district to learn more about their local PAT program.

First Steps

First Steps is designed to offer coordinated services and assistance to families with young children up to age 3, who have delayed development or diagnosed conditions associated with developmental disabilities. Participation in First Steps is voluntary and is intended to help families:

- ✓ Understand their child's special needs;
- ✓ Obtain the help they desire to deal with situations that could interfere with their child's growth and development; and
- Provide the best conditions for their child's growth and development.

First Steps is a collaborative effort of four state agencies – the departments of Elementary and Secondary Education, Health, Mental Health, and Social Services. First Steps is supported by federal and state funds from four agencies and by other local and private agencies throughout Missouri.

Children are referred to First Steps through a phone call to a Regional Center for Mental Retardation or Developmental Disabilities (MR/DD) or a Bureau of Special Health Care Needs office in the area of the state where the family lives. Referrals may be made by anyone concerned about a child's development (family member, physician, parent, educator, etc.).

An evaluation is needed to establish eligibility and determine the unique developmental needs of the child and the family's needs related to the development of the child. This service is provided to the family at no cost and will be arranged by the service coordinator from the agency taking the referral. Early Intervention services listed on the Individualized Family Service Plan (IFSP) for the eligible child are provided at no cost to the family.

Other Resources and Information about Educational Services in Missouri...

Local school districts

Each school district in Missouri is responsible for the identification of students ages 3-21 years who are educationally disabled as defined by the Missouri State Plan for Special Education. The Missouri State Plan is based upon state statutes and the Individuals with Disabilities Education Act (IDEA). The following information provides a concise description of the process local districts use to identify students with autism. For a complete reference, see the State Plan for Special Education or the local district compliance plan.

Evaluation procedures for special education eligibility and diagnosis of autism

- After parents receive an evaluation of their child from a neurologist, psychologist or psychiatrist that results in a medical diagnosis of Pervasive Developmental Disorder, Asperger's, William Syndrome, Fragile X or Landau-Kleffner Syndrome (reference DSM-IV), they should contact their school district and request an educational evaluation to determine if their child is eligible for special education services.
- * The educational evaluation will determine if the child meets state criteria for a special education diagnosis of autism, (see page 9 of this Guide) or some other diagnosis such as Other Health Impaired, Language Disordered, Learning Disabled, Behavior Disordered, Mental Retardation or Early Childhood Special Education.

Although in many cases the educational diagnosis of autism will be appropriate for children with a medical diagnosis of Pervasive Developmental Disorder, Asperger's, William Syndrome, Fragile X or Landau-Kleffner Syndrome, parents should not assume that this will always be the case. The educational diagnosis of autism specifically requires the diagnostic team to:

- Evaluate the child's performance using specific diagnostic criteria established by the Department of Elementary and Secondary Education; and
- 2 Confirm the need for special education services.

A child may demonstrate behaviors similar to those of a person with autism but not qualify for the diagnosis of autism. However, if a child is eligible for special education, the IEP will be designed to meet the individual needs of the child, regardless of the diagnosis upon which eligibility for special education is made.

Particularly in children manifesting milder forms of autism, parents may not have sought assistance for their child prior to enrollment in school. In these cases, school district staff may be the ones to notify the parents that a disability is suspected and request permission to conduct an educational evaluation.

Assessments such as the Childhood Autism Rating Scale published by Western Psychological Services describe behaviors that would indicate the need for further evaluation to determine the presence or absence of autism.

Parents must give their permission for an evaluation to be conducted after they are notified of the district's intent to evaluate. After the permission to evaluate is provided by the parent, the school will begin the evaluation. Under IDEA, parents of children with disabilities have the right to participate in all meetings with respect to the identification, evaluation and educational placement of their child.

Other Resources and Information about Educational Services in Missouri...

If a referral for an educational evaluation has been made, parents can assist the diagnostic team by providing copies of all evaluation reports prepared by medical professionals and signing release of information forms which will enable the educational staff to communicate directly with the medical staff or private agencies who have supported the family and the child.

If a child has been evaluated previously outside the school district, copies of all evaluations, IEPs and IHPs can assist the district in its evaluation, planning and IEP development.

The diagnostic team should include at least one member who has experience in the diagnosis and education of children with autism. A member of the diagnostic team should be trained in the area of autism in order to effectively evaluate the child in a testing situation and to be able to consult/advise other evaluators or the team in dealing with the behaviors during the testing situation.

If the district does not have a staff member who specializes in autism, it should notify the Regional Autism Projects, Project ACCESS or the Regional Center.

Program procedures after initial diagnosis of autism

* After the initial diagnosis, an IEP is developed by the IEP team. This team consists of parents, at least one general education teacher (if child is or may be participating in general education), at least one special education teacher, a representative of the local school district, an individual who can interpret instructional implications of evaluation results, other individuals at the discretion of the parent or agency who have knowledge of the child and whenever appropriate, the child with a disability.

Training for staff and parents

- Staff who work with people with autism should receive training on the techniques and methods that have been found to be effective for persons with autism. Resources in the state of Missouri include Project ACCESS and the Regional Autism Projects.
- Parents should receive training on how to effectively increase the consistency between the home/school environment. Training for parents may be requested during the development of the IEP.

Ongoing services for autism

- The IEP team should meet and confer to proactively plan and program on an as-needed basis. The team approach should include data collection and analysis, assessment of the child's behavior and an academic/functional plan as needed. This does not always need to be a part of the IEP process, but provides an opportunity for staff to meet and collaborate as needed to maximize the child's program.
- If at any time parents have concerns about their child's program, they should feel comfortable in contacting their child's teacher to express their concerns. Parents should be aware of their rights and lines of communication within the public school system and how to access appropriate personnel when there is a concern/question.

Other Resources and Information about Educational Services in Missouri...

Content of the IEP

ach IEP must contain a statement of:

- ✓ The child's present level of educational performance;
- Measurable annual goals;
- ✓ Special education/related services and supplementary aids to be provided to the child;
- ✓ Program modifications or supports for school personnel;
- ✓ How progress will be measured and how parents will be informed;
- ✓ The child's participation in state or district assessments.

The IEP also must contain:

- ✓ An explanation of the extent to which the child will not participate in the general class;
- ✓ The projected date for service initiation; and
- ✓ Transition service needs.

Local Interagency Coordinating Councils (LICCs)

ocal Interagency Coordinating Councils are groups of individuals representing families, local programs, and agencies whose purpose it is to collaborate and coordinate services to young children with disabilities and their families. The establishment of LICCs is encouraged to enable early intervention service providers to develop relationships that will increase the efficiency and effectiveness of early intervention services. LICC membership is determined locally. For more information, contact the DESE Early Childhood Special Education Section at (573) 751-0187 or RELAY Missouri 1-800-735-2966 (TDD); Fax [573] 522=0585.

Local Administrators of Special Education (LASE)

ASE groups have organized around the state of Missouri to provide special education administrators a professional network for information sharing, problem-solving and support. LASE groups meet in each of the 10 regions identified by DESE for state special education supervisor assignments.

These groups usually meet monthly and are open to all interested special education administrators within the region. Often the DESE special education school improvement supervisor will attend these meetings to keep the regional administrators informed of current state-level issues and to discuss regional issues identified by the special education administrators. Meeting agendas include a wide array of topics/issues including awareness/training seminars, work sessions, interdistrict collaborative planning, problem-solving, resource sharing, legal/regulatory updates, etc.

On an annual basis, each LASE group selects a contact person to facilitate meetings and distribute information to LASE members. Call your regional special education school improvement supervisor for the current contact person.

LASE groups are an appropriate resource for disseminating information about autism; developing regional training for administrators, staff and parents; and for facilitating regional collaboration on the development of services to individuals with autism.

A Comparison of Selected Provisions of Part C and Part B of the Individuals with Disabilities Education Act (IDEA) as Implemented in Missouri

PROVISION	PART C	PART B			
Age	Birth to 36 months	• The child's 3 rd birthdate to 21			
Evaluation/Eligibility	To determine eligibility, a comprehensive multidisciplinary evaluation and assessment must be conducted by trained personnel and be based on informed clinical opinion. It must include a review of pertinent records related to child's current health status and medical history, as well as the child's level of functioning in the areas listed below. The assessment must identify the unique needs of the child including the identification of services appropriate to meet those needs. The family-directed family assessment is voluntary. • Children must exhibit a 50% or greater developmental delay in one or more of the following areas: cognitive, physical including vision or hearing, social/emotional, adaptive, communication; OR have a diagnosed physical or mental condition that has a high probability of resulting in a developmental delay.	To determine eligibility, a comprehensive multidisciplinary evaluation must be conducted based upon the information derived from screening and alternative intervention strategies. This is documented in an evaluation conducted by qualified persons and must include an observation. The purpose of the evaluation is to determine if a disabling condition is adversely affecting the child's educational functioning, the present level of educational performance, and the educational needs of the child. Medical services for diagnostic or evaluation purposes and early identification are included in this part. • Children ages 3 and 4 must meet a "noncategorical" eligibility criteria as established by DESE; children ages 5-21 must meet the eligibility criteria for one of the disability categories as defined under PL 94-142.			
Focus	Is an intervention-oriented model that is focused on the family and child.	Is a deficiency-oriented model that is focused on the child.			
	The departments of Elementary and Secondary Education, Health, Mental Health, and Social Services collaboratively implement the system.	The Department of Elementary and Second- ary Education and public school districts implement the services.			
Services	Requires a statewide comprehensive interagency program of Early Intervention Services (EIS) to eligible children and their families. Governor John Ashcroft named DESE as "lead agency" for the general administration, supervision, and monitoring of the Part C programs and activities. The program requires formal interagency agreements that define fiscal responsibility for each agency and procedures for resolving disputes. Part C funds may be used to pay for EIS when no other federal, state, local, and/or private funds are available.	Requires local school districts to provide special education and related services to eligible children. Special education services means specially designed instruction, at no cost to the parent, to meet the unique needs of a child with disabilities. Special education services include modification of the regular instructional program and/or special education instruction provided in resource or self-contained classrooms or homes, hospitals, or institutions. Also included are adaptive physical education			
September 1998					

Services (continued)

EIS means services that are designed to meet the developmental needs of the child and the needs of the family related to enhancing the child's development and are selected in collaboration with the parents. To the maximum extent appropriate, EIS must be provided in the natural environments in which infants and toddlers without disabilities would participate. Early Intervention Services are:

- Audiology
- Occupational Therapy
- Family Training, Counseling and Home Visits
- Physical Therapy
- Psychological Services
- Health Services
- Social Work Services
- Speech Language Therapy
- Transportation and Related Costs
- Assistive Technology Services and Devices Medical Services for Diagnostic or Evaluation Purposes
- Special Instruction
- Vision Services
- Service Coordination
- Nursing Services
- Nutrition Services

(including motor development), assistive technology, vocational education, communitybased instruction, speech therapy, and language therapy.

Related services means such developmental, corrective, and other supportive services as are required to assist the child *to benefit from special education* and includes:

- Occupational Therapy
- Parent Counseling and Training
- Physical Therapy
- Psychological Services
- School Health Services
- Social Work Services
- Speech/Language Pathology
- Special Transportation
- Assistive Technology Services and Devices
- Medical Services for Diagnostic or Evaluation Purposes
- Orientation and Mobility
- Rehabilitation Counseling Services
- Recreation
- Counseling Services
- Transition Services

Individualized Plans

Individualized Family Service Plan (IFSP)

- A statement of the child's present levels of development
- With the concurrence of the family, the results of the family's concerns, priorities, and resources, and identification of the supports and services necessary to enhance the developmental needs of the child
- A statement of the major outcomes expected to be achieved for the child and family, and the criteria, procedures, and timelines used to determine:
 - The degree to which progress toward achieving the outcomes is being made, and

Individualized Education Program (IEP)

- A written statement of present levels of education performance. This statement must indicate how the disability affects the child's involvement and progress in the general education curriculum or for preschool children, the child's participation in appropriate activities
- Measurable annual goals, including benchmarks or short-term objectives related to:
 - Helping the student be involved and progress in the general curriculum, and
 - Meeting other educational needs resulting from the disability;
- Statement of special education and related

Individualized Plans (continued)

- Whether modifications or revisions of the outcomes or services are necessary
- A statement of the specific early intervention services necessary to meet the unique needs of the child and family to achieve the outcomes identified, including:
 - Frequency, intensity, location and method of delivering the services
 - The natural environments in which early intervention services shall be appropriately provided including a statement of justification of the extent, if any, to which the services will not be provided in a natural environment
 - The payment arrangements if any; and,
 - Other services not required by Part C but needed by the child and steps to secure these services from other sources
- The projected dates for initiation of services and the anticipated duration of the services
- The name of the Service Coordinator who will be responsible for the IFSP and coordination with other agencies and persons
- Steps to be taken to support the transition of the child upon reaching the age of 3

services including:

- Supplementary aids and services or program modifications to be provided to the child or on behalf of the child
- Supports for school personnel
- The projected date(s) for the initiation of special education, related services and modifications
- A statement of the location, frequency and duration for each special education and related service to be provided, as well as for any modifications or supports that will be provided
- Statement of the extent to which the child will not participate in the general class or the general education curriculum
- Statement concerning the student's participation in general state- and district-wide assessments of student achievement, including:
 - ♦ Accommodations for participation
 - If the IEP team has determined it is not appropriate for the child to participate, the IEP must state why the assessment is not appropriate and how the student will be assessed
- By age 14, and updated annually, a statement of transition service needs focusing on the student's course of study
- By age 16, a statement of needed transition services, including a statement of the interagency responsibilities or any needed linkages
- Statement of how progress toward annual goals will be measured and how this will be reported to parents
- Statement indicating that the student has

Individualized Plans been informed of the rights that will transfer (continued) to him/her under Part B upon reaching the age of majority (in the state of Missouri this age is 18). **Due Process** For a complete description, the reader For a complete description, the reader should should reference the State Application for reference the Missouri State Plan for Special Part C under the Individuals with Education. Disabilities Education Act. Parents or a public agency may initiate due Parents have the right to resolve concerns process concerning the proposed action of the agency to initiate or refuse to initiate or change about the child's evaluation or the services that the family is receiving. A request of the identification, evaluation, or educational resolution may arise from the proposal or placement of the child or the provision of a refusal of a state agency or service provider free appropriate public education to the child. to initiate or change the identification, These rights shall be assured through the evaluation, or placement of the child, or the procedures outlined for resolution conferences services provided. and local-level hearing panels. Mediation is offered prior to a hearing. Mediation is offered prior to a hearing. There are provisions for expedited hearings in limited To initiate due process, parents submit a circumstances involving 45 day placements for written statement of their concerns to possession of weapons and possession, use or DESE. A hearing is held and resolution sale of drugs. occurs within 30 days. **Resolution Conference** • The meeting is conducted by an impartial hearing officer who is knowledgeable of The resolution conference is conducted by the services for infants and toddlers. chief administrative officer of the school district or a designee. A record of the proceedings is maintained and cross-examination is permitted. The resolution conference is informal. Both the school staff and the parents have the right The hearing officer listens to the presento call witnesses, question witnesses, and tations of the parties involved, examines present any written or oral information which relevant information, and reaches a pertains to the action. resolution. The resolution conference must be held and the The hearing officer's decision is made decision issued within 10 days from the date of within 30 calendar days after receipt of the request. The timeline may be extended by the concerns. A later time may be agreed mutual agreement. upon by both parties. Parents can waive the right to a resolution During these proceedings, unless otherwise conference and request a state level hearing agreed to by the parties, children continue panel (three-member hearing panel). During to receive the appropriate early intervention the time period in which the panel is being services currently provided. If applying for empowered, the district has two options: initial services, children will receive the services not in dispute. • Conduct the resolution conference; or, If there is a disagreement with the final Waive the resolution conference. decision, parties have the right to bring a

Due Process (continued)

civil action. This action may be brought in any state court or in federal district court.

State Level Hearing Panel

Appeal of the resolution conference decision is to the state board of education. A panel of three individuals is empowered, one member designated by the school, one member designated by the parents or guardian, and the chair (third member) appointed by DESE. Each member must be determined to be impartial and be knowledgeable of students with disabilities.

The hearing panel must be empowered within 15 days of the date of receipt of or the request for a three-member hearing panel if the parents waive their right to a resolution conference. The hearing panel must conduct the hearing and render a written decision within 45 days of the date the request was received. The decision timeline may be extended, upon request of either party, by the hearing panel chairperson.

Court

Appeal is through the state circuit court or federal district court.

Integration

"Natural Environments"

To the maximum extent appropriate, services are provided in natural environments, including the home and community settings, in which children without disabilities participate.

Natural environments means settings that are natural or normal for the child's age peers who have no disability.

"Least Restrictive Environment"

To the maximum extent appropriate, children with disabilities, including children in public or private institutions or other care facilities, are educated with children who are nondisabled; and, that special classes, separate schooling, or other removal of children with disabilities from the regular educational environment occurs only when the nature or severity of the disability is such that education in regular classes with the use of supplementary aids and services cannot be achieved satisfactorily.

Missouri Department of Mental Health

Mission and Vision

State law provides for three principal missions for the Department of Mental Health (DMH):

- (1) The prevention of mental disorders, developmental disabilities and substance abuse;
- **(2)** The treatment, habilitation and rehabilitation of Missourians with those conditions; and
- (3) The improvement of public understanding and attitudes about mental disorders, developmental disabilities and substance abuse.

The department's vision statement, known as "Lives Beyond Limitations," asserts that Missourians shall be free to live their lives and pursue their dreams beyond the limitations of mental illness, developmental disabilities and alcohol and other drug abuse.



P.O. Box 687 Jefferson City, MO 65102-0687 (573) 751-4122 Fax [573] 751=8224 www.modmh.state.mo.us/modmh.htm



Missouri Department of Mental Health...

Mental Health Commission

A seven-member Mental Health Commission is responsible for appointing the director of the Department of Mental Health with the confirmation of the Senate. Commissioners are appointed to staggered four-year terms by the governor, again with Senate confirmation. The commissioners serve as principal policy advisors to the director of DMH. In this capacity, the commissioners have considerable influence and authority in establishing, in conjunction with the DMH director, and director of the Division of Mental Retardation and Developmental Disabilities (MR/DD), policy and direction in the provision of services and supports for all individuals with developmental disabilities in Missouri.



Division of Mental Retardation and Developmental Disabilities

(573) 751-4054

Fax: [573] 751=9207

The Division of Mental Retardation and Developmental Disabilities (MR/DD) is responsible for the provision of services and supports to individuals with diagnosed developmental disabilities whose:

- Onset has occurred before the age of 22 years;
- Developmental disability results in substantial limitations in their ability to function independently;
- * Disability is expected to continue indefinitely.

The director is responsible for planning, developing, implementing and evaluating an array of programs and services that are either operated directly by the MR/DD or purchased from community-based service providers from whom the division contracts. In addition to the director, deputy district directors are responsible for overseeing the provision of MR/DD programs and services in each of four geographical areas of the state. Further leadership responsibilities are designated at the regional center level, where 11 regional center directors have responsibility for program and service development, implementation and monitoring at the local/regional level.

Regional centers

he Division of MR/DD operates 11 regional centers that purchase or provide specialized services for persons with developmental disabilities. The division's regional centers serve as the primary points of entry into the MR/DD system. They determine eligibility for division services, provide intake and assessment services and deliver case management services that include coordinating and monitoring each eligible consumer's Individual Habilitation Plan (IHP). Regional center case managers have responsibility for working with the consumer's IHP team using person-centered planning approaches to determine needed services and supports. There is no minimum age requirement for eligibility for MR/DD services. For example, many families of very young children with autism, as well as family members whose adult children with autism are still living at home, access respite care services through MR/DD. Through the division's Purchase of Service and Residential Placement programs, as well as through Missouri's Medicaid Program and other specialized programs, services and supports can be purchased and provided. Refer to the map on page 36 for a listing of the regional centers.

Habilitation centers

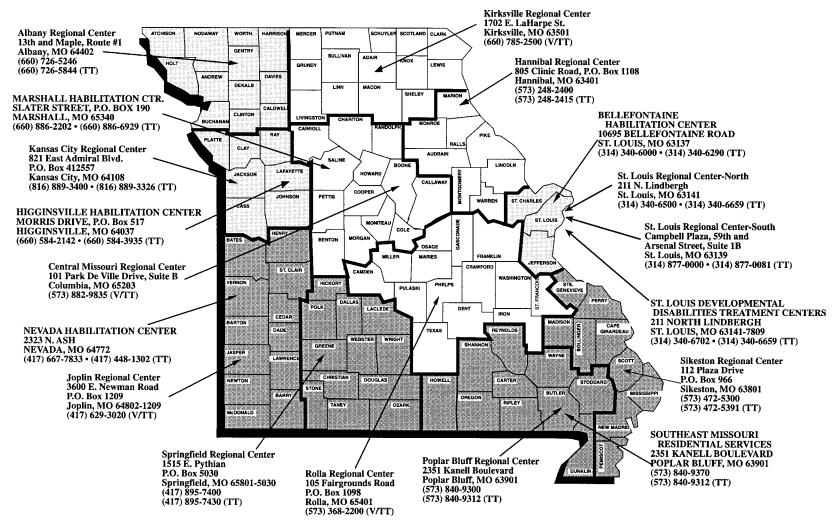
The division's six habilitation centers provide residential placement and other habilitation services for individuals who have been labeled as experiencing more severe disabling conditions, most typically associated with severe health-related problems or seriously challenging behavior problems. Refer to the map on page 36 for a listing of the habilitation centers.

Missouri Department

9

Mental Health.

Division of Mental Retardation and Developmental Disabilities Regional Centers and Habilitation Centers (by District)



Autism projects

The Department of Mental Health's Division of MR/DD funds five regional autism projects that collectively provide services to approximately 1,000 families statewide. Individuals are referred to their autism projects through their regional center. The five regional autism family support projects are the:

1 Central Missouri Autism Project

The Judevine Center for Autism serves families in 49 counties

2 Southeast Missouri Autism Project

The Judevine Center for Autism serves families in 19 counties

3 Northwest Missouri Autism Project

The Northwest Missouri Autism Project serves families in 19 counties

4 Southwest Missouri Autism Project

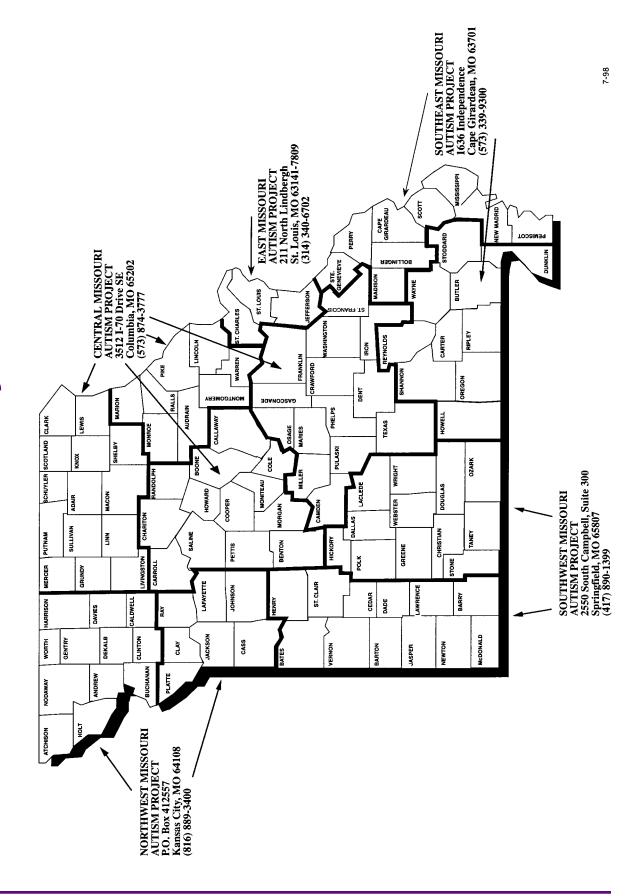
The Judevine Center for Autism serves families in 24 counties

East Missouri Autism Project

Serves families in St. Louis City and the counties of St. Louis, St. Charles and Jefferson

All of the regional projects have been developed by parents and other family members of individuals with autism/PDD and all are monitored by Parent Advisory Committees. In addition, a state-level Missouri Autism Advisory Committee comprised of parent representatives from the five regional projects develops statewide policies to ensure project unity, communication and coordination with other agencies. The Division of MR/DD also sponsors an annual National Symposium on Autism attended by upwards of 800 parents and professionals from Missouri and adjoining states.

Division of Mental Retardation and Developmental Disabilities **Autism Projects**





Missouri Planning Council for Developmental Disabilities

PO Box 687 Jefferson City, MO 65102 (573) 751-8611 (800) 500-7878

The Missouri Planning Council for Developmental Disabilities serves as the planning and development arm of the developmental disabilities system. It serves to create new realities, research issues and try innovative ways to generate change in the service system.

The 22-member Missouri Planning Council is one of a national network of state planning and advocacy councils that carry out the Developmental Disabilities Basic State Grant Program authorized by the Developmental Disabilities Assistance and Bill of Rights Act, as amended in 1994 by P.L. 103-9230. In addition to federal law, the Missouri Planning Council is also set up by state law to serve as the advisory council to the Division of MR/DD. Eleven regional advisory councils are funded through the Missouri Planning Council to serve as local advocates and advisors. They too are reflected in state statute and are coterminous with the division's regional center service areas. Most Missouri Planning Council activities are carried out in cooperation with the regional councils.

The Missouri Planning Council is required by federal law to focus its planning and advocacy in specific "priority areas." These must include employment and can include child development, community living, systems coordination/community education and state priority areas. The council has selected employment, child development (prevention), community living (family and individual support) and the regional council network as the state priority areas.

Regional Advisory Councils

E leven regional developmental disabilities councils were organized in the early 1970s to serve as "grass roots" planners, advisors and advocates concerning service provision for developmentally disabled citizens. The regional councils are coterminous with regional center service areas and act in an advisory capacity to the centers. Since 1974, regional councils have been staffed through federal developmental disabilities subgrants. Each is a not-for-profit corporation which employs and supervises its own staff.

Activities of the regional councils include, but are not limited to:

- Provision of technical assistance to developmental disabilities subgrant applicants and other agencies;
- Involvement in "S.B. 40" passage;
- * Data collection, needs assessment and planning;
- Stimulation of consumer groups and vendor service boards;
- Promotion of interagency agreements;
- Advocacy;
- Monitoring and evaluation of programs and services;
- Training;
- Legislative activities;
- * Recruitment of volunteers; and
- Provision of planning, advisory and advocacy feedback to the Missouri Planning Council and the Department of Mental Health.

11 Regional Advisory Councils...



Region I Council on DD

c/o Albany Regional Center 13th and Maple, P.O. Box D Albany, MO 64402 (806) 726-5246



Region XI Adv. Council on DD

St. Louis Regional Center 211 N. Lindbergh St. Louis, MO 63141-7809 (314) 340-6702



Region III DDA Council of MO

c/o Hannibal Regional Center 805 Clinic Road, P.O. Box 1108 Hannibal, MO 63401 (573) 248-2400



Missouri Region II Planning and Coordinating Council for DD

1702 E. LaHarpe Kirksville, MO 63501 (660) 626-1267



Region V Council on DD

c/o Joplin Regional center 3600 East Newman Road P.O. Box 1606 Joplin, MO 64802 (417) 781-3750



Metropolitan Council on DD

c/o Kansas City Regional Center 821 E. Admiral Blvd. P.O. Box 412557 Kansas City, MO 64141



Region VII Council on DD

c/o Rolla Regional Center 105 Fairgrounds Road P.O. Box 1098 Rolla, MO 65402 (573) 368-2200



Region VI Council on DD

1515 E. Pythian P.O. Box 5030 Springfield, MO 65802 (417) 895-7468



Sikeston Reg. Council on DD

c/o Sikeston Regional Center P.O. Box 596, 112 Plaza Drive Sikeston, MO 63801 (573) 472-1711



Poplar Bluff Regional Council on DD

c/o Poplar Bluff Regional Center 2351 Kanell Blvd. Poplar Bluff, MO 63901 (573) 785-3856



Region X Council on DD

Central Missouri Regional Center 101 Park DeVille #B Columbia, MO 65203 (573) 445-5990

Missouri Parents Act

Missouri Parents Act (MPACT) is a parent support agency which provides training and information on legal issues in education and developmental disabilities. There are six MPACT offices.



Southwest-Springfield

2100 S. Brentwood, Suite G Springfield, MO 65804 (800) 743-7634 (417) 882-7434



Jefferson City Administrative Office

208-I E. High Street Jefferson City, MO 65102 (573) 635-1189



Kansas City Metro

3100 Main St., Suite 303 Kansas City, MO 64111 (816) 531-7070



Southeast-Sedgewickville

Route 2, Box A95 Sedgewickville, MO 63781 (573) 866-3292



North-Savannah

601 W. Main Savannah, MO 64485 (816) 324-7046



St. Louis Metro

4144 Lindell Blvd., Ste. 405 St. Louis, MO 63108 (800) 995-3160 (314) 531-5922

Missouri Protection and Advocacy Services (MOPAS)

Missouri Protection and Advocacy (MOPAS) is a private, not-for-profit corporation to protect and advocate for person with disabilities. There are three MOPAS offices, with locations in Kansas City, St. Louis and Jefferson City.



Kansas City

3100 Main St., Suite 305 Kansas City, MO 64111 (800) 233-3959



Jefferson City

925 S. Country Club Drive, Suite 106 Jefferson City, MO 65109 (800) 392-8667



St. Louis

200 S. Hanley, Suite 1030 Clayton, MO 63105 (314) 725-1550 (800) 233-3958

Parent/Professional Organizations



American Association on Mental Retardation – AAMR

444 N. Capital NW, Suite 846 Washington, DC 20009-2683 (202) 387-1968 (800) 424-3688



Council for Exceptional Children - CEC

1920 Association Drive Reston, VA 22091-1589 (703) 620-3660 (800) 845-6232

The American Association on Mental Retardation (AAMR) is the oldest and largest interdisciplinary organization of professionals and others concerned about mental retardation and related disabilities. AAMR's mission is to advance the knowledge and skills of professionals in the field of mental retardation by exchanging information and ideas.



Association for Persons with Severe Handicaps – TASH

11201 Greenwood Ave. North Seattle, WA 98133 (206) 361-8870

Missouri TASH



The Association for Persons with Severe Handicaps (TASH) is an international advocacy association of people with disabilities, their family members, other advocates and people who work in the disability field. TASH believes that no one with a disability should be forced to live, work or learn in a segregated setting; that all individuals deserve the right to direct their own lives. TASH's mission is to eliminate physical and social obstacles that prevent equity, diversity and quality of life.

The Council for Exceptional Children (CEC) is a large international professional organization dedicated to improving educational outcomes for individuals with exceptionalities. Parents can join as associate members and receive information, advice and support.

Local Administrators of Special Education – LASE

ASE groups have organized around the State of Missouri to provide special education administrators a professional network for information sharing, problem-solving and support. LASE groups meet in each of the 10 regions identified by DESE for state special education supervisor assignments. These groups usually meet monthly and are open to all interested special education administrators within the region. Often, the DESE Special Education School Improvement supervisor will attend these meetings to keep the regional administrators informed of current state level issues and to discuss regional issues identified by the special education administrators. Meeting agendas include a wide array of topics/issues including awareness/training seminars, work sessions, interdistrict collaborative planning, problem-solving, resource sharing, legal/regulatory updates, etc.

On an annual basis, each LASE group selects a contact person to facilitate meetings and distribute information to LASE members. Call your regional special education school improvement supervisor for the current contact person.

LASE groups are an appropriate resource for disseminating information about autism; developing regional training for administrators, staff and parents; and for facilitating regional collaboration on the development of services to individuals with autism.

Libraries and Information Resources



Missouri Developmental Disabilities **Resource Center**

2220 Holmes, Room 344, UMKC Kansas City, MO 64108 (800) 444-0821

www.moddrc.com



CISE Loan Library

(800) 976-CISE (MO only) (573) 884-7275

Fax: [573] 884=6300

mocise@muccmail.missouri.edu http://tiger.coe.missouri.edu/~mocise

he Missouri Developmental Disabilities Resource Center exists to provide families, persons with developmental disabilities and professionals in the field the most current and useful information about developmental and low-incidence disabilities.



NICHCY

National Information Center for Children and Youth with Disabilities

P.O. Box 1492

Washington, DC 20013-1492

(202) 884-8200 (800) 695-0285

www.nichy.org

TICHCY provides free information to assist parents, educators, caregivers, advocates and others in helping children and youth with disabilities become participating members of the community.



Project ACCESS Loan Library

(417) 836-6755

Fax: [417] 836=4118

shb793t@vma.smsu.edu

www.smsu.edu/Access/library.html

roject ACCESS has an extensive library of books, videotapes, audiotapes and tests relevant to autism. Up to three items may be checked out by anyone for up to three weeks. The only cost to borrowers is return postage. Resource directories are available for purchase.

he Center for Innovations in Special Education (CISE) provides a variety of professional development services and resources, including conferences, workshops, a speaker/ consultant directory, a free lending library, modules, fact sheets and an information request service. Registration information, product flyers and a loan catalog are available at the numbers above.

Wolfner Library for the Blind and the **Physically Handicapped**

Missouri State Information Center

P.O. Box 387

600 W. Main

Jefferson City, MO 65102

(800) 392-2614

Fax: [573] 526=2985

(800) 347-1379 (TDD)



he Wolfner Library circulates more than 300,000 fiction and nonfiction books and magazines for individuals with disabilities of all ages. Materials are available in Braille, recorded cassettes, records and large print format. The library provides free mail service and answers reference questions.

Autism Resources on the Internet

The following list of World Wide Web (WWW) resources represent a tiny sample of the plethora of information available regarding autism. Please note that each of the Web pages below include numerous links to equally well-designed and informative autism sites. Use these pages as a starting point in your quest to find specific information related to autism.



with Disabilities www.dssc.org/nta

Listservs or "mailing lists"

I f an e-mail account is your primary access to the Internet, there are many ways in which you can still keep abreast of the most current information relating to autism. Becoming a member of a listserv is probably the most efficient way to both ask and answer questions about autism.

A listserv is an automated mailing list to which a group of people send messages. These messages are distributed to all of the other people on that list. The result is a running conversation on that particular mailing list's topic. There are listservs for virtually every interest group. The following is a summary of mailing lists which deal with issues related to autism. Instructions about how to access each mailing list are included in its description.

ANI-L

Autism Network International – for self advocates. ANI-L is for sharing among autistic people and those close to them, and for promotion of autistic civil rights. To subscribe, send a message with a blank subject line to Listserv@utkvm1.utk.edu. In the body, write: *subscribe ANI-L yourfirstname yourlastname*. Once subscribed, write to ANI-L@utkvm.utk.edu to post a message.

AUTINET

AUTINET is an open, unmoderated discussion list on autism, especially High-Functioning Autism (HFA) and Asperger's Syndrome. Its aim is to be a point of unity among people with autism/Asperger's, their parents and careers, and psychiatrists, psychologists and researchers in the field. To subscribe send a message to autinet-request@iol.ie. In the subject line of an otherwise empty message write: *subscribe*.

AUTISM

AUTISM is the autism and developmental disabilities list. To join, send a message with a blank subject line to Listserv@sjuvm.stjohns.edu. In the body of the message, type: subscribe autism yourfirstname yourlastname. Once subscribed, write to autism@sjuvm.stjohns.edu to post a message.

ME-List

The ME-List is a private mailing list forum for discussion of "Lovaas" therapy for autism and related disorders. To join to this list, send a short note to Ruth Allen giving your specific reason for interest in this topic at rallen@indyvax.iupui.edu.

AS/PDD/HF

Autism/Asperger's Syndrome/Pervasive Developmental Disorder/and High-Functioning Autism. This list is a moderated listserv support group for families of persons with AS/PDD/HF autism. To join, send a message to Barb Kirby at Bkirby914@aol.com. Include a note explaining that you would like to join the AS/PDD/HF autism list.

PAN-L

The Parents and Autistic Network List. This is a private e-mail list of people who are autistic and parents of people who are autistic. To join, send an e-mail message to cas@scorch.hna.com.au. Include information stating why you would like to join PAN-L.

DIET

The DIET mailing list is for discussion of diets for autistic children, such as gluten/casein free, Sara's Diet and no-yeast and allergy diets. If you would like to receive the mailing list, send an e-mail message to jcress@sound.net. In the subject line, type: *diet*.

InLv

Independent Living. For adults with autism, AS, PDD, AD(H)D or Tourette's. To join, send an e-mail message to martijn@inlv.demon.nl saying that you would like to join and why.

Autism Organizations



Autism Society of America

(800) 3-AUTISM

www.autism-society.org

ASA Information Packages

One of the Autism Society of America's primary missions is to provide information and support for individuals, families and professionals dealing with autism. To help individuals access information relevant to their situation, the ASA distributes a series of 21 information packages on a variety of topics in autism. Members can order all of these packages for free.

- ♦ Adult Residential Options
- ♦ Asperger's Syndrome
- ♦ Auditory Training
- ♦ Challenging Behaviors
- ♦ Determining an Appropriate Educational Placement
- ♦ Introduction to the Effects of Diet
- ♦ Early Intervention
- ♦ Educating Children About Autism
- ♦ Educational Rights
- Employment and Adults with Autism
- ♦ Facilitated Communication
- ♦ Getting Started
- ♦ The IEP: Writing an Individualized Education Plan
- ◆ Insurance
- ♦ Introduction to High-Functioning Autism
- ♦ List of Autism Related Books
- List of Autism Related Newsletters
- ♦ List of Autism Related Videos
- **♦** *Medications*
- ♦ Pervasive Developmental Disorder
- Transition: Planning for Life After High School

National Conference on Autism

Each summer the ASA holds a National Conference on Autism, a national forum for the presentation of important field studies as well as networking, information exchanges and interaction among individuals interested in the well-being of children of adults with autism. With an average attendance of 2,000 participants, ASA's conference is the largest single source of ground-breaking information for parents, professionals, service providers and legislators.

Mail Order Bookstores

Over 100 titles on autism are available through the North Carolina and Michigan Autism Society of America chapter bookstores.

 Autism Society of N. Carolina
 Autism Society of Michigan

 505 Oberlin Rd., Suite 230
 809 Center St., Suite 8A

 Raleigh, NC 27605
 Lansing, MI 48906-5257

 (919) 743-0204
 (517) 487-9260

 Fax: [919] 743=0208
 (800) 223-6722

FAX-On-Demand Service

(800) FAX-0899

Through this innovative FAX-On-Demand system, individuals can access information on autism and the ASA, 24 hours a day, seven days a week.

The following is a list of documents that are available through FAX-On-Demand:

Advocate Newsletter Information

#851 Guidelines for Article Submission to the Advocate

Autism and Autism Related Information

#300 What is Autism
#301 Autism Checklist
#302 Getting Started Package (New Diagnosis)
#303 Asperger's Syndrome Package
#305 Introduction to High-Functioning Autism

Autism Organizations...

#306	Landau-Kleffner Syndrome Information
#320	Auditory Training Package
#321	Facilitated Communication Package
#322	Early Intervention Package
#323	Medications Package
#324	Introductions to the Effects of Diet
#330	Educating Children with Autism Package
#331	Educational Placement Package
#333	Writing an IEP
#334	Options to Meet the Challenges of Autism
#335	Challenging Behaviors Package
#340	Insurance Issues Package
#350	North Carolina Chapter Bookstore List
#351	Michigan Chapter Bookstore List
#361	Communication Devices List

Computer Software/Hardware List

Autism Information Packages Order Form

Autism Law Enforcement Cards Order Form

Autism Society of America Information

#700 ASA Services and Benefits **#701** Scholarships and Awards

Chapter Information

#362

#370

#371

#750 *How to Start a Local Chapter*

Government Affairs Information

#550 Watching Washington (March/April 1997)#551 MEMO Re: IDEA Reauthorization

Membership Information

#500 Membership Application
#501 Membership Benefits and Services
#510 Benefits of Joining a Local Chapter
#515 JADD and Focus Subscription Order Form

#516 *JADD Table of Contents Information*

Research Information

#800 A View From the NIH



Autism Society of America Foundation

(800) 328-8476 ext. 102

The latest step in ASA's long-term commitment to autism research, the Autism Society of America Foundation, founded in 1996, is committed to discovering the cause and cure of autism through funding biomedical research as well as research into treatments, education and social issues affecting autism.



Autism Network International

P.O. Box 448 Syracuse, NY 13210-0048

www.students.uiuc.edu/~bordner/ani.html

All is a support group for individuals with autism. It has a newsletter, *Our Voice*, and an online list service for individuals with autism/Asperger's Syndrome for which membership in ANI is not required.

Adults Gathering, United and Autistic

c/o 914 Westwood Blvd. #160 Los Angeles, CA gnewport@medicine.medsch.ucla.edu Kbrewer377@aol.com



Pounded in April 1993, AGUA is a support group for adults diagnosed with autism, Asperger's Disorder or for those receiving a professional referral, who designates AGUA as a suitable activity. Members of AGUA are responsible for their own safety and behavior at AGUA events and should bring a paid aide if needed.

AGUA members are active in the autism community and community at large. They have spoken at conferences, consulted on self-advocacy films and participated in activities of People First, Unique People's Voting Project and Partners in Policymaking. Members also regularly provide in-service training on inclusion for school districts. The main purpose of AGUA, however, is mutual support, sharing of experience and coping strategies. People who live too far away to attend may be pen pals by writing to AGUA. The meetings are monthly.

Local Missouri Chapters of ASA and Support Groups

Judevine Autism Support Group/Sibling Support Group

9455 Rott Road St. Louis, MO 63127 (314) 849-4440 Fax: [314] 849=2721



Chapter 512

Western Missouri Chapter of ASA 8103 Spring Valley Raytown, MO 64138 (816) 353-7560 Fax: [816] 353=7560



United Services for the Handicapped Autism Support Group

4140 Old Mill Parkway St. Peters, MO 63376 (314) 926-2700 (314) 447-4777 Fax: [314] 447=4919



Chapter 194

ASA St. Louis Chapter 1653 Twin Oaks Drive Arnold, MO 63010 (314) 296-3981 Fax: [314] 296=3981



Giant Steps of St. Louis Autism Support Group

1240 Dautel St. Louis, MO 63146 (314) 692-7181 Fax: [314] 692=7181



Special School District

St. Louis County Town & Country, MO 63131 (314) 569-8436 (314) 569-8428



Chapter 287

Southwest Missouri Chapter of ASA 809 Terrace Drive Aurora, MO 65605 (417) 678-3900



Missouri FEAT (MO FEAT)

P.O. Box 410305 St. Louis, MO 63141 (314) 645-6877

E-mail: MO-FEAT@bigfoot.com http://WWW.MO-FEAT.ORG



Nonprofit Organizations with Associated Resources



Easter Seals

Southeast Region in Cape Girardeau: (573) 335-3377
Central Region in Columbia: (573) 875-4774
Southwest Region Springfield: (417) 882-6500
Kansas City Region: (816) 931-3540
St. Louis Region: (314) 776-1996

Explanation of services...

- ◆ Parent-Child Early Intervention Program (birth to age 3)
- Developmental classes
- Home visits
- Parent education
- Therapy Department: speech therapy, occupational therapy, physical therapy
- Outpatient clinic: speech therapy to children through age 12
- Computer assistive technology center (to assist communication)
- ♦ After-school recreational program
- Evening respite program
- ♦ School contacts adaptive program to help with inclusion setting
- Teacher training for assistive technology
- Membership program (loan component for hardware, software and adaptive equipment)



March of Dimes

 St. Louis:
 (314) 961-1164
 Cape Girardeau:
 (573) 651-6033

 Joplin:
 (417) 781-5443
 Jefferson City:
 (573) 635-5350

 Kansas City:
 (816) 561-0175
 Springfield:
 (417) 889-9397

St. Joseph: (816) 238-8707

Explanation of services...

- ♦ Genetics curriculum for use in elementary schools
- Information referral service
- Speakers bureau: coping with developmental disabilities
- ♦ Video: "Same on the Inside"



Variety Club

St. Louis: (314) 821-8184

Explanation of services...

- Provide support for 162 agencies in the St. Louis area
- Purchase medical equipment for individuals with disabilities



United Way

(800) 427-4626

Explanation of services...

 Funding source for agencies which help children with disabilities

Missouri Technology Center for Special Education

• (see listing under DESE, p. 21 of this guide)

Technology Resources

Missouri Assistive Technology Project

I unded by a grant from the United States Department of Education through the Governor's Council on Disability, the mission of the Missouri Assistive Technology Project is to increase access to assistive technology for all Missourians with disabilities.

The Project supports the operation of outreach centers in several cities throughout Missouri. Each of the centers provides a showroom of assistive technology devices enabling hands-on demonstration that will help consumers become active participants in identifying assistive technology to meet their needs.

For more information contact:

Missouri Assistive Technology Project

4731 South Cochise, Suite 114 Independence, MO 64055 (816) 373-5193 (800) 647-8557 (800) 647-8558 (TDD)

Center for Assistive Technology

3100 Main, Suite 303 Kansas City, MO 64111 (816) 931-2121



ACTT Demonstration Center

Southwest Center for Independent Living 1856 E. Cinderella Springfield, MO 65804 (417) 886-1188 (800) 676-7245



St. Louis Technology Access Center

12110 Clayton Road St. Louis, MO 63131 (314) 569-8404



Show-Me Tech – Services for Independent Living

1301 Vandiver Drive, Suite S Columbia, MO 65202 (573) 874-1646 (800) 405-1646



Diagnostic Clinics



Children's Mercy Hospital Pervasive Developmental Disorders Clinic

2401 Gillham Road Kansas City, MO 64108-9883 (816) 234-3654



University of Kansas Medical Center's Child Development Unit

3901 Rainbow Blvd. Kansas City, KS 66160-7340 (913) 588-5900

his clinic is conducted weekly on Thursday mornings from 9:00 to noon. The departments of Medicine, Occupational Therapy (OT), and Hearing and Speech collaborate to provide a multidisciplinary approach to evaluate young children up to the age of 6 years old who have a diagnosis of autism spectrum disorder. Team members include a clinical psychologist, developmental pediatrician, Speech Language Pathologist (SLP) and OT. Audiology, neurology and genetic testing/counseling resources also are available. Assessments and recommendations are provided in the areas of cognitive and academic functioning, adaptive behavior, challenging behavior, sensory processing, occupational therapy and speech and language therapy. Parents, caregivers and other invited guests may observe the assessment process through a one-way mirror. Evaluations are typically videotaped with parental consent. The Children's Mercy Hospital will work with families to bill private insurance or Medicaid for the costs of evaluation. Financial assistance also may be available for families not covered by the above.

The Child Development Unit (CDU) at the Kansas University Affiliated Program (KUAP) provides specialized evaluations and transdisciplinary, arena-style team assessments for children and adolescents diagnosed with autism/PDD. Assessments and evaluation services also are available for adults with autism/PDD. Team members are drawn from various departments and programs offered at the KU Medical Center. Core team members represent the divisions of audiology, psychology, nutrition, speech and occupational therapy at the KUAP-CDU. Pediatricians, psychiatrists, neurologists and other specialists at the KU Medical Center who are experienced and knowledgeable about autism/PDD also are affiliated with the KUAP-CDU and are available for consultation as needed and as appropriate.

Diagnostic Clinics...



University Hospital and Clinics' Autism Center

One Hospital Drive Columbia, MO 65212

New patients: (573) 882-0253 Return patients: (573) 882-6921

The Autism Center is a multidisciplinary program involving professionals from Child Health, Medical Genetics, Child Psychiatry, Neuropsychology, Dietetics and Nutrition, Neurology, and Molecular Biology. The Autism Center has two clinics.

The Autism Evaluation Clinic meets every Tuesday and provides complete diagnostic and medical evaluations for patients new to the clinic. The initial evaluation is comprised of a complete medical, neurological, dysmorphology and genetic evaluation which is usually spread over two or three visits. At the end of the evaluation, the family is given a summary of all of the laboratory psychometric and neurologic studies, plus information on the suspected subcategory of autism found and how that information is expected to affect the individual's future development. Recommendations for therapeutic programs and medical care are made by each of the clinical participants and summarized. Children are then followed on a yearly basis.

The second clinic is the Autism Management Clinic. It is designed to fill the medical and medication management needs of children who are followed by Child Psychiatry. The clinic meets every Tuesday and is staffed by the Child Psychiatry Department and the autism nurse. Unique to this clinic is the behavioral medical diary system, a program in which each child on medication is closely followed by the clinic with the use of a behavioral medication diary and weekly or biweekly telephone check-ins by the parents and school teachers. This program provides support and education to families and helps the school systems understand medication management. Because medication management questions may occur at any time, the Autism Center has either a nurse or physician on call at all times. The Autism Center also participates and conducts research in the following areas: Autism DNA Study, Autism Prevalence Study, Autism Gene Finding Study, Autism Heterogeneity Study, Autism Database Development, Autism Trinucleotide Repeat Expansion Study, Autism Metabolic Study, Autism Risperidol Study and Autism Sleep Study. The Autism Center has some grant funds available for patients who require financial assistance.

Points to Ponder

pr. Susan Izeman, Pennsylvania Department of Education, presented the following "Points to Ponder," a list of questions to be considered by both parents and providers in assessing the various options for intervention:

- **1** What are the anticipated outcomes of this intervention?
- * What positive changes can I expect to see in my child's behavior, communication, eating, sleeping, learning?
- * Do these outcomes address what I see as an area of need for my child?
- * Do these outcomes match my expectations or goals for my child: are there any potentially negative outcomes of the intervention?
- 2 How will this be evaluated?
- * How will I know if my child is making progress toward desired outcomes?
- * What method will be used to evaluate my child's progress?
- * How often will we evaluate my child's progress?
- * Who will conduct the evaluation?
- * How long will we continue until a change can be made in the intervention?
- **3** What are the potential risks?
- ★ Will my child face any immediate risk?
- * Are there any activities, foods, etc. that will be restricted?
- 4 What is the back-up plan if we choose to discontinue this intervention?
- * Is there any risk of discontinuing the intervention?
- * What kind of early intervention services will my child receive if we decide to stop the intervention?

- **5** Is there a good fit between the intervention and our family life?
- * Can we do what will be asked of us?
- 6 Have I received information about this from a variety of sources?
- Is this intervention published in peer-reviewed journals?
- Are there alternatives that are less restrictive?
 Better researched?
- How will this new intervention be combined with strategies and therapies that we are already using with my child?

Parents may want to add other questions to this list. Izeman has suggested that a "Yes" or "No" to any one question should not mean an automatic acceptance or rejection of a particular method. Rather, she suggests that the questions be taken as a whole, as a guide to seeking information.

(Izeman has acknowledged contributions to her work from Phillip Strain, University of Colorado; Project DART, Allegheny Intermediate Unit, Pittsburgh; the staff of the LEAP Preschool, and integrated preschool associated with the DT Watson School, Pittsburgh.)

Retyped from the Early Childhood Bulletin, Winter 1996. This bulletin was prepared by the Federation for Children with Special Needs and the Parent Component of the National Early Childhood Technical Assistance System.

Evaluation of intervention programs for autism

Guidelines for evaluating treatments for autism

- Approach any new treatment with hopeful skepticism. Remember the goal of any treatment should be to help the person with autism become a fully functioning member of society.
- **BEWARE** of any program or techniques that is said to be appropriate for every person with autism.
- **BEWARE** of any program that thwarts individualization and potentially results in harmful program decisions.
- **Be Aware** that any treatment represents one of several options for a person with autism.
- **Be Aware** that treatment should always depend on individual assessment information that points to it as an appropriate choice for a particular child.

- **Be Aware** that no new treatment should be implemented until its proponents can specify assessment procedures necessary to determine whether it will be appropriate for an individual with autism.
- **Be Aware** that debate over use of various techniques is often reduced to superficial arguments over who is *right*, *moral*, *ethical and who is a true advocate for the children*. This can lead to results that are directly opposite to those intended, including impediments to maximizing programs.
- **8 Be Aware** that new treatments often have not been validated scientifically.

Freeman, B. J. (1997). Guidelines for evaluating intervention programs for children with autism, *Journal of Autism and Developmental Disorders*, 27 (6), 647.

Animal Therapy

ome individuals with autism find interaction with animals to be calming and of therapeutic value. There are a number of agencies in Missouri that provide therapeutic horsemanship experiences. Look in your local area for addresses.

North American Riding for the **Handicapped Association**

P.O. Box 33150 Denver, CO 80233 (800) 369-7433 Fax: [303] 252=4610

www.narha.org

Applied Behavior Analysis

he teaching methods in this treatment are based in applied behavior analysis (ABA), a field of behavioral psychology. ABA works on the premise that when reinforcing consequences follow a child's response, the child is likely to give that response again, so learning can be shaped.

Every skill that is to be taught to the child is broken down into small steps that he/she can master. Each step is taught by presenting the child with a cue, and if it is correct rewarding his/her response with something reinforcing. Eventually, it is hoped the child will give the response without the reward.

Recovery Zone

http://pages.prodigy.com/dporcari/recovery_zone.html

The Recovery Zone is a large, comprehensive Web site about Lovaas therapy.

Art Therapy

rt therapy is a form of psychotherapy that allows for emotional expression and communication through nonverbal means. The therapist invites the individual to express his/her feelings through a variety of art media. Through this process, individuals can often communicate and approach difficult issues more successfully than with words.



ABA Chat Room

www.geocities.com/Heartland/Plains/1648/chat.htm

Families for Early Autism Treatment (FEAT)

www.feat.org/feat

Lovaas Therapy for Preschoolers with Autism/PDD

www.gwi.net/goplay/home.htm

A Maine family's early intervention program for Autism/PDD



www.wmich.edu/aba

Auditory Integration

Audiokinetron to filter music that goes to headphones worn by the patient. The patient listens to this filtered music twice a day for half an hour for 10 days.

Results have varied, from improved ability to function because of decreased auditory sensitivity and improved understanding of language and other aural input to reports of no effect to the patient. Many of the regional centers have persons trained in this therapy. The Food and Drug Administration (FDA) has classified the Audiokinetron as a "medical device" and has put some limits on its importation until it receives FDA approval. The Tomatis method of auditory training is designed

to improve the listening ability of individuals and works with functional, emotional and relational levels using a device called the Electronic Ear. For further information on these two methods, contact:

The Georgiana Organization, Inc.

P.O. Box 2607 Westport, CT 06880 (203) 454-1221

Fax: [203] 454=3788



Society for Auditory Integration Training

1040 Commercial St. SE, Suite 306 Salem, OR 97302 www.teleport.com/~sait



Behavior therapy applies principles of behavior to improve specific problem behaviors. A variety of intervention techniques are used, and data is collected to determine the effectiveness of those techniques. Behavior therapy is used within the larger behavior support plan for the child. The goal of behavior therapy is to increase appropriate behavior and communication in the child.

Established and widely accepted principles of behavior include the following:

- All behavior is learned
- Learning takes place when behavior is reinforced
- In general, behavior that is followed by something pleasant tends to be repeated and thus learned
- In general, behavior that is followed by something unpleasant tends not to be repeated and thus not learned.

- It is most important to determine what things/activities in the immediate environment have a functional relationship to the problem behavior
- If you can see it, hear it, feel it or smell it, it's observable. If you can count it or measure it, it's quantifiable.

Behavior support plans have the following characteristics.

They:

- ✓ Are built upon a functional assessment of behavior;
- ✓ Should be technically sound;
- ✓ Make problem behaviors irrelevant, inefficient and ineffective; and
- ✓ Should fit the setting where they will be implemented.

The techniques used in behavior therapy should be carefully selected to cause the desired behavior change. A competing behavior model can be used to make sure the techniques chosen

are the most effective. There are three steps involved in completing a competing behavior model:

- Put the functional assessment summary statements into a behavior diagram;
- 2 Define alternative or competing behaviors, and the characteristics associated with them; and

3 Select intervention procedures that will make the problem behavior irrelevant, inefficient and ineffective.

Using a variety of intervention techniques will encourage generalization of new behaviors into other places and contexts.

Dietary Therapy

lthough scientific research has not yet proven the effect of dietary therapy, many parents and professionals believe that what we eat affects how we behave. Some of our children may have allergies and sensitivities to substances which may trigger autistic behavior.

Assessment and evaluation done by a registered dietitian can establish adequacy and dietary composition of a child's diet. Knowing what your child is or is not eating is important to establish what effect dietary additions or eliminations may have. Adequate nutrition leads to optimal growth, both physically and cognitively. The dietitian should have experience with the particular food habits of children with autism. With the information provided by a dietitian who is an expert in the field of nutrition, parents can make a more informed decision regarding dietary therapy and their child.

- B6/Mg may influence reactions affecting several neurotransmitter systems.
- Future research is needed to explore the long-term effectiveness of megavitamin therapy.

Resources...

Autism Intolerance and Allergy Network

(AIA-USA and the Feingold Association) 127 E. Main St., Room 106



American Celiac Society

New Jersey (201) 325-8837

Child Development Unit at the University of **Kansas Medical Center**

(913) 588-5904



American Dietetic Association

www.eatright.org



Pedi-RD

www.uihc.uiowa.edu/pubinfo/pedi-rd.htm

Dietetics in Developmental and Psychiatric Practice Group

To contact a dietitian in your area, call (205) 871-0582



Gluten Intolerance Group of North America

(206) 325-6980

Online discussion group:

listserv@sjuvm.Stjohns.edu with the body SUB CELIAC

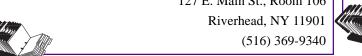
yourfirstname yourlastname

Autism Research International

4182 Adams Ave.

San Diego, CA 92116

The Celiac/Autism package is available for a fee.





Instructional Strategies

Social Stories

This instructional method, developed by Carol Gray, utilizes short, concise stories to provide information visually and auditorially with the relevant social cues identified in the story. They describe expected behavior while subtracting social interference. Parents and professionals may write the stories and older children may also write their own stories.

For more information:





Picture Exchange Communication System (PECS)

This instructional method utilizes pictures to develop communication. A communication board is developed that has simple pictures of objects (toys, food, family members, etc.) that are relevant to the child's life. The child is taught to use the pictures as a way to get his needs met. A system of rewards is in place to reinforce the learning. As the child gains skills in using the communication board, the pictures become more complex, eventually forming simple sentences.

For more information:

see Frost, L.A. and Bondy, A.S. (1994)

The Picture Exchange Communication System: An

Interactive Augmentative Communication Program.

Cherry Hill, N.J.: Pyramid Education Consultants, Inc.

Learning Experiences, as Alternative Program for Preschoolers and their Parents (LEAP)

The LEAP preschool is an integrated classroom preschool model with two components: 1) an integrated preschool, and 2) a behavioral skill training program for parents. The model recommends that the preschool serve 10 typically developing children and 6 children with autism. The typically developing peers serve as models for the children with autism. The Creative Curriculum by Diana Trister Dodges serves as the general education program with the specific targeted skills that the children with autism need embedded in the natural routine.



For more information:

Dr. Phil Strain, Director, LEAP Program, University of Colorado at Denver 1444 Wazee, Ste. 230 Denver, CO 80202

Treatment and Education of Autistic and Related Communication Handicapped Children (TEACCH)

This model uses a structured teaching curriculum that addresses both behavior and knowledge content. The emphasis is on learning to be students and developing social and communicative behavior. The curriculum can be modified to meet individual needs as well as school or community needs. Teaching occurs in small groups or individually through a variety of behavioral teaching strategies. The TEACCH model can be provided in segregated and integrated settings, depending upon the needs of the child.

For more information:

Division TEACCH,
Department of Psychiatry,
University of North Carolina at Chapel Hill
(919) 966-2174



Music Therapy

usic therapy is the use of music or rhythm-based experiences specifically designed and implemented for individuals with special needs (newborns to geriatrics) to change behaviors and improve global function. Music therapy interventions use many different musical experiences – singing, composing, listening, improvising, moving - to address specific goals. These goals may be in the areas of social function, receptive/expressive language, academics or physical development. A qualified music therapist is trained to develop and implement age-appropriate musical experiences to facilitate maximum individual development. Musical experiences provide a structured, non-threatening environment that captures attention and encourages participation. Music is processed in many areas of the brain – lyrics and singing in the left hemisphere, melody and emotional response in the right hemisphere, rhythm in the brain stem. Through the use of music and rhythm-based interventions, appropriate and desirable responses are often evoked in even the most impaired individuals.

Occupational Therapy

Occupational therapy is the use of purposeful activity or interventions to achieve functional outcomes which promote health, prevent injury or disability, and which develop, improve, sustain or restore the highest possible level of independence of any individual who has an injury, illness, cognitive impairment, psychosocial dysfunction, mental illness, developmental or learning disability, physical disability or other disorder or condition. It includes assessment by means of skilled observation or evaluation through the administration and interpretation of standardized or nonstandardized tests and measurements.

Occupational therapy services include, but are not limited to:

- The assessment and provision of treatment in consultation with the individual, family or other appropriate persons;
- Interventions directed toward developing, improving, sustaining or restoring daily living skills, including self-care skills and activities that involve interactions with others and the environment, work readiness or work performance, play skills or leisure capacities or enhancing educational performance skills;
- Developing, improving, sustaining or restoring sensorimotor, oral-motor, perceptual or neuromuscular functioning; or emotional, motivational, cognitive or psychosocial components of performance; and
- Education of the individual, family or other appropriate persons in carrying out appropriate interventions.

Play Therapy

Play and social communication therapy addresses a wide range of cognitive, communication and interaction skills. Play is the main occupation of childhood. Play serves to integrate and apply the language, motor and cognitive skills developing during childhood into an awareness of social confines and strategies for the adaptation of behavior to meet these expectations.

Positive Behavior Supports

Positive Behavior Supports is an approach to understanding the physical and social context of behavior, as well as the individual who performs the challenging behavior. It is an approach that draws from our best knowledge about teaching, systems designs, behavior and social support to frame environments where people succeed and feel good about themselves. PBS is an evolving approach that focuses on supporting the individual to be more capable of predicting and understanding his/her delay, be more effective at communicating preferences and have more enhanced social networks and improved interaction with family and friends.

PBS offers practical solutions to the challenge of raising a child with disabilities at home and educating the child in his/her neighborhood school.

The features of PBS include:

- A focus on life-style changes;
- * The building of an effective environment;
- Functional assessment: Understanding the purpose of problem behaviors;
- Recognition that problem behaviors are problems of learning;
- * The knowledge that communication is the foundation for positive behavior;
- The design of a multicomponent behavior support plan;
- Development of a contextually appropriate support plan;
- Development of collaborative partnerships; and
- Support with humility.

Resources...

Families/teachers interested in receiving more information about positive behavioral support may contact the following:

The Family Connection

(800) 854-4938



This is a national referral service.

Research and Training Center on Positive Behavior Support

Specialized Training Program 1235 University of Oregon Eugene, OR 97403-1235 (541) 346-2462



Beach Center

University of Kansas 3111 Haworth Hall Lawrence, KS 66045 (913) 864-7600 www.lsi.ukans.edu/beach/beachhp.htm



Sensory Integration

Sensory integration is a neurobiological process that refers to the assimilation, organization and use of sensory information to allow an individual to interact effectively with the environment in daily activities at home, school and in other settings. Sensory integration enhances the individual's capacity to perform functional activities in school such as sitting in a chair to read, paying attention, organizing school supplies and a desk to begin a task, holding and using a pencil and translating verbal instructions into appropriate behaviors. Sensorimotor development is multifaceted and includes, but is not restricted to, factors such as:

- * Coping and functioning appropriately within typical multisensory environments such as the classroom;
- Discriminating appropriately the sensory information relevant to understanding and performing perceptualmotor tasks, such as copying from a blackboard or keeping numbers aligned on the page for addition and subtraction;
- Creating, planning and performing appropriate schemes of action; and
- Having the body awareness, stamina and coordination to both sustain and perform activities that require attention, postural control and fine motor capabilities such as handwriting and using scissors.

Sensory integrative therapy requires that the child's history, behavior and physical status be studied carefully for clues as to which aspects of the sensorimotor processing system need remediation. The child is gently introduced to pleasurable therapeutic activities. Knowledgeable therapists and teachers will, if possible, avoid situations which are obviously stressful to the individual with autism, since stress and anxiety further disorganize the nervous system.

Resources...

American Journal of Occupational Therapy

4720 Montgomery Lane P.O. Box 31220 Bethesda, MD 20824-1220 (301) 652-2682 ext. 288



Center for Neurodevelopment Studies

8434 N. 39th Ave. Phoenix, AZ 85051



Occupational Therapy Journal of Research

Slack, Inc. 6900 Grove Road Torofare, NJ 08086-9447 (800) 257-2890



Sensory Integration Quarterly

www.familyvillage.wisc.edu/general/sensory.htm www.autism.org/si.html



Speech/Language Therapy

Individuals with autism/PDD often experience significant difficulties in expressive communication, language comprehension and reciprocal social interactions. Typically, difficulties are especially significant in the area of pragmatic communication skills, including greetings/farewells, calling for attention/acknowledgment, requesting/withholding permission, requesting clarification/repetition, commenting/approving/disapproving, direct/indirect requests for action, as well as protesting. In addition, individuals with autism/PDD often experience problems with yes/no questions, and who, what, where, when, how, why and whose questions.

Social interaction skills associated with two-way conversational and social skills are also typically delayed or absent in individuals with autism/PDD. For example, conversational turn-taking may be limited; the range of conversational topics may be quite limited; comprehending nonverbal cues and body language may be difficult, as is understanding another's perspective and understanding jokes and other types of humor.

It is important that individuals with autism/PDD be taught functional communication skills. They need to develop a full range of communication skills to help overcome delays in expressive language. Individuals with autism/PDD can benefit from speech/language therapy which emphasizes a pragmatic approach designed to provide an effective means of communication, even if that includes non-standard communication. Participation in small, structured social skills groups can assist in facilitating the development and generalization of pragmatic communication skills.

Information and resources on communication are available through the:

American Speech-Language-Hearing Association



www.asha.org

Special Education and Related Services as defined by IDEA

pecial education" means specially designed instruction, at no cost to parents, to meet the needs of a child with a disability, including instruction conducted in the classroom, in the home, in hospitals and institutions and in other settings, and instruction in physical education. Missouri law also defines special education to include language therapy.

The following related services must be considered and provided if the IEP team determines they are necessary for the student to benefit from his/her special education services. Definitions for each related service can be found in IDEA and the Missouri State Plan for Special Education.

- Audiology
- Psychological Services
- Counseling Services
- Recreation
- Medical Services*
- Rehabilitation Counseling Services
- Occupational Therapy
- School Health Services
- Orientation and Mobility Services
- Social Work Services
- Parent Counseling & Training
- Speech Language Pathology
- Physical Therapy

* Medical Services for diagnostic or evaluation purposes only

Vision Therapy

With problems in the use of the eye. Behavioral or developmental optometrists may design programs to improve visual tracking, fixation, focus change, binocular fusion and other visual processing skills. At times, these doctors prescribe prism lenses which help train the eyes to work together. Irlen lenses are tinted lenses that help individuals who have perceptual distortions, problems with depth perception or problems with light sensitivity.

Irlen Institute

5380 Village Road Long Beach, CA 90808 (310) 496-2550

Fax: [310] 429=8699

Irlen Lenses

Blondell Behrendt 315 Barton Circle Paducah, KY 42003 (502) 898-7144

Irlen Lenses

Kathryn Hay 121 Whittier #200 Wichita, KS 67207

Vitamin Therapy

Research and parent ancedotes have indicated that many negative symptoms experienced by people with autism are magnified by environmental factors, such as allergies and vitamin deficiences. Vitamin and mineral supplements have been extensively researched by Dr. Bernard Rimland, Autism Research Institute, 4182 Adams Ave., San Diego, CA 92116 (619) 281-7165.

Typically, high doses of vitamins are used in combination with specific minerals to affect behavioral changes in children. The B vitamins and magnesium appear to be particularly helpful. Dr. Rimland cautions parents to seek advice before beginning vitamin therapies, to avoid toxic overdoses.

The *Autism Research Review International* newsletter, published by Dr. Rimland, contains useful vitamin therapy information for parents and professionals.



Optometric Extension Program Foundation, Inc.

1921 E. Carengie Ave., Suite 3L Santa Ana, CA 92705 (714) 250-8070 Fax: [714] 250=8157

To locate developmental/behavioral optometrists in your area, call the Optometric Extension Program, and they will send a list of doctors plus information on vision therapy.

Newsletters and Publications on Autism

Indiana Resource Center for Autism *IRCA Reporter*

Indiana University
Institute for Student Developmental Disabilities
The University Affiliated Program of Indiana
Indiana Resource Center for Autism
2853 E. Tenth St.
Bloomington, IN 47408-2601

Subscriptions: \$10



Pro-Ed Journals

8700 Shoal Creek Blvd. Austin, TX 78757-6897 (512) 451-3246

Fax: [512] 451-8542

Order-only Fax: [800] 397=7633



Pro-Ed has many items, including audio and videotapes. Subscriptions to the following journals are available for \$39:

- Journal of Emotional & Behavioral Disorders
 (4 issues/year)
- Intervention in School & Clinic (5 issues/year)
- Journal of Learning Disabilities (6 issues/year)
- Journal of Special Education (4 issues/year)
- Topics in Early Childhood Special Education (4 issues/year)
- Remedial & Special Education (6 issues/year)
- Focus on Autism & Other Developmental Disabilities (4 issues/year)

ACCESS Express

c/o Project ACCESS 901 S. National Springfield, MO 65804 (417) 836-6755

Subscription: Free

Advocate

Autism Society of America 7910 Woodmont Ave., Suite 650 Bethesda, MD 20814

Subscription: Free to all ASA members



Autism Coalition for Creative Education & Social Services (ACCESS)

92 Corporate Park, Suite C-500 Irvine, CA 92714

Good Applied Behavioral Analysis newsletter; excellent materials order form for books and videotapes.

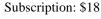
Subscription: \$25



Autism Research Review International

4182 Adams Ave. San Diego, CA 92116

Quarterly publication of the Autism Research Institute.





Brimstone Bulletin

P.O. Box 21304

Eugene, OR 97402

www.apexcomm.net/~debiski/mfhhome.html

Newsletter confronting disability issues with humor and sentiment, is published by the "Mothers from Hell."

Subscription: \$10



Newsletters and Publications on Autism...



Families and Disability Newsletter

Beach Center on Families and Disability 3111 Haworth Hall University of Kansas Lawrence, KS 66045-7516 (913) 864-7600

> Fax: [913] 864=7605 Subscription: Free



Journal of Autism and Development **Disabilities**

Plenum Publishing Corporation 233 Spring St. New York, NY 10013



MAAP

P.O. Box 524 Crown Point, IN 46307 Subscription: \$20/year

Quarterly newsletter for families of More Advanced Autistic People.

Parent to Parent (Missouri Parents Act -



Families for Intensive Autism Treatment Newsletter - FIAT

c/o CSAAC 751 Twinbrook Parkway Rockville, MD 20851-1428

(301) 762-1650 ext. 138

Subscription/membership: \$20



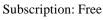
Fragile X Advocate

75 S. Elliot Rd., Suite 19 Chapel Hill, NC 27514

Quarterly journal for professionals and parents.



News from Missouri's Training and Information Center for Parents of Children with Disabilities.



MPACT) (800) 743-7634



The Morning News

Jenison Public Schools 2140 Bauer Road Jenison, MI 49428

Magazine dedicated to individuals with autism and those with other developmental disabilities, as well as to those who work alongside them to improve mutual understanding.



The IABA Newsletter

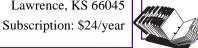
6169 St. Andrews Rd. #123 Columbia, SC 29212-3146 Subscription: \$25

Quarterly publication of the Institute for Applied Behavior Analysis dedicated to the advancement of positive practices in the field of challenging behavior.



Journal of Applied Behavior Analysis

Department of Human Development University of Kansas Lawrence, KS 66045



Our Voice - The Newsletter of Autism **Network International**

P.O. Box 448 Syracuse, NY 13210-0448 Subscription: \$15



Newsletters and Publications on Autism...

Parent Advocacy Coalition for Educational Rights (PACER Center)

4826 Chicago Ave. South Minneapolis, MN 55417-1098 www.pacer.org

Subscription: Free

Protection & Advocacy Alliance Newsletter

Missouri Protection & Advocacy 925 S. Country Club Drive Jefferson City, MO 65109 (573) 893-3333

Subscription: Free



Parents for Early Intervention Newsletter

308 Westwood Plaza #136 Los Angeles, CA 90024

Subscription: \$20

Newsletter published three times yearly by the Clinic for the Behavioral Treatment of Children.



TASH Newsletter

TASH

29 W. Susquehanna Ave., Suite 210

Baltimore, MD 21204

(410) 828-8274

Fax: [410] 828=6706

Subscription: Varies



PDD Newsletter

21 Sharon Court Shelton, CT 06484 (203) 924-0457

E-mail: bhult40@aol.com

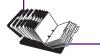
Washington Watch United Cerebral Palsy Association

1660 L Street NW, Suite 700

Washington, DC 20036-5602

Washington Watch newsletter is published weekly.

Subscription: \$25



Purpose

he purpose of this Interagency Agreement is to facilitate collaboration and coordination between the Department of Elementary and Secondary Education (DESE) and the Department of Mental Health (DMH) in the support of students with autism and their families. Both agencies recognize that autism is a unique disability displaying a wide range of severity and functioning levels which must be addressed on an individual basis. This agreement is guided by the Individuals with Disabilities Education Act (IDEA), the State Plan for Special Education, and the DMH's rules for the Autism Projects. This document does not create any binding requirements for local school districts and/or Regional Centers for the Division of Mental Retardation and Developmental Disabilities (DMRDD) and/or Autism Projects funded by the DMH. Participation in this project is subject to and conditional upon legislative appropriations and funding.

Parents have unique insights and knowledge of their children which are vitally important in all aspects of their children's lives. It is the vision of both departments that this document will create opportunities and standards for collaboration between agencies, families, and resources at the state and local level in order to promote a better understanding of autism and improve the quality of life for those individuals with autism and their family.

Due to the complexity of autism, it is extremely beneficial for professionals involved in evaluation, design and provision of services to have expertise, experience and/or training in the nature of autism. DESE and DMH will provide methods, including a resource guide, for parents and school district staff to access professional and resources in the field of autism to participate in the evaluation, planning, and provisions of services. This agreement provides clarification and information to all involved parties.

Goals

- 1 To provide a framework for the development of interagency agreements supporting cooperative efforts between Autism Projects and local school districts.
- 2 To maximize local resources for providing special education and related services to students with autism and support to their families.
- To ensure coordination of services to families of students with autism.
- To clarify roles and responsibilities of the DMH, DESE, local school districts, and families.
- **5** To provide information to public school administrators and staff about Autism Projects services and functioning.
- To provide information to Autism Project administrators and staff about local school district services and responsibilities for students with disabilities under IDEA, state law, and regulations.
- To provide opportunities for state and local staff to discuss mutual accomplishments and concerns.
- To encourage and support a partnership among Autism Projects, local school districts, and state agencies in the development and provision of services to students with autism and their families.
- To promote mutual respect and open communication among all whom are involved in the planning and delivery of services to individuals with autism and their families.
- To identify and encourage the use of all resources for individuals with autism and their families.

Department of Elementary and Secondary Education

The Division of Special Education is one of seven divisions of the DESE. The Division provides leadership to public schools in the education of students with disabilities. The Division is responsible for

- Establishing regulations (State Plan for Special Education) pursuant to federal (Individuals with Disabilities Education Act (IDEA), formerly PL 94-142, and state (RSMo. 162.670-162.999) legislation
- Monitoring each local school district through the Missouri School Improvement Program (MSIP) every five years for compliance with state and federal regulations implementing IDEA
- Investigating allegations that local districts are not complying with IDEA (Child Complaint Process)
- Providing special education and related services to students enrolled in the state schools for Deaf, Blind, and Severely Handicapped
- Providing technical assistance to parents, local school districts, and other groups as requested.

Project Access

Project ACCESS, located at Southwest Missouri State University, provides technical assistance to school districts serving students with autism. Staffed with resource specialists and graduate students from SMSU, Project ACCESS offers two major types of services to Missouri public schools: staff development activities and library resources. These services are available on a statewide basis.

Roles and Responsibilities

Department of Mental Health

The Division of Mental Retardation and Developmental Disabilities (DMRDD) is one of three divisions of the DMH. The Division is responsible for providing citizens of Missouri with appropriate access to the services and supports they want and need. These services and supports include prevention of disabilities, evaluation, habilitation, and rehabilitation services.

The Division achieves its mission through case management and support staff in its facilities. Additionally, the Division has contractual arrangements and oversight responsibilities with programs and facilities funded, licensed, or certified by the DMH.

People of all ages who have developmental disabilities are eligible for Division services. Eligibility is determined by the Division's regional centers which evaluate an individual's situation in light of relevant state laws (Section 630.005, RSMo et. seq.). Missouri law requires that the person's disability must have occurred before age 22 (during the developmental period) and that it is likely to continue indefinitely.

Individuals who are eligible for Division services and have, or are suspected of having, autism, are referred if the family agrees to the appropriate Autism Project. The Autism Projects are funded by the DMRDD through a General Assembly Appropriation. The Division's Coordinator for Autism Services provides staff support to the projects and advisory committees.

Local School Districts

M issouri school districts are administered by local boards of education. Local school districts are responsible for:

- Conducting educational evaluations for those students suspected of having a disability that affects their educational performance.
- Providing a free appropriate public education (FAPE) as described in an annual Individualized Educational Program (IEP) for students who meet eligibility criteria as specified in the Missouri State Plan for Special Education.
- Providing special education and related services as specified by IDEA and the local district's compliance plan for special education.

To the maximum extent appropriate, public schools are required to educate students with disabilities in regular education classrooms. An appropriate education has been interpreted by courts to mean an educational program that is reasonably calculated for a student to benefit from the educational services provided.

Autism Projects

The five Missouri Autism Projects are family-focused, consumer-driven projects which focus primarily on needs that exist in the family of a person with autism as determined by that family. The Central, East, Southeast, Northwest, and Southwest Missouri Autism Projects are developed and monitored by Parent Advisory Committees (PACs) composed of from seven (7) to nine (9) persons that have family members with autism, including family members that are young children, school-age children, and adults.

Members are selected by current committee members through a nomination and application process. Each advisory committee strives to maintain membership from each of the MRDD's regions within its project boundary. The committees make every effort to elect members to represent the cultural diversity of the project areas and to represent persons with autism of all ages and capabilities.

Each committee has the responsibility of selecting a service provider of their choice. Requests for proposals are distributed to potential bidders with expertise in autism. The committee reviews the proposals, interviews the bidders and selects the provider best demonstrating the ability to provide the services as outlined by the committee.

The services provided are based on a needs assessment and public forums with inputs from families in the project areas. The committee continues to represent the needs of all families who have a family member with autism as the project is implemented. The regional projects have a variety of differences depending on the needs of the families in each area.

The PAC's responsibilities include, but are not limited to, the following:

- * Advocating for persons with autism
- Monitoring contracts for services
- Determining services to be provided and selecting the provider(s) for those services
- Establishing policy, budget, and service priorities
- Reviewing service delivery each month
- Conducting ongoing planning
- * Conducting public education and awareness

Missouri Advisory Committee on Autism

The DMRDD has established the Missouri Advisory Committee on Autism. It is composed of two (2) representatives and one (1) alternate from each of the five (5) regional Parent Advisory Committees. The committee is appointed by the division director.

The Missouri Advisory Committee on Autism's responsibilities include, but are not limited to, the following:

- Communicating with the Autism Projects to provide upto-date information to them and the families they serve
- Developing collaborative relationships with the DESE and encouraging the parent advisory committee and providers to work collaboratively with local school districts
- Establishing statewide policy
- * Fostering unity with and among all the projects to ensure joint support for legislative, budget, and other issues
- Planning and sponsoring statewide activities
- Providing program recommendations to the Division

The five parent advisory committees and the Missouri Advisory Committee on Autism have been established through the State of Missouri Order of Rulemaking, 9 CSR 45-3.060.

Services

Local School Districts

Local school districts are required to provide special education and related services to students between the ages of 3 and 21 who meet eligibility criteria as defined by the state plan for special education in the least restrictive environment. This means IEP teams must first consider educating students with disabilities with children who are not disabled. Children with disabilities are served in special classes only when the nature and severity of the disability is such that education in regular classes with supplementary aids and services cannot be achieved satisfactorily.

Special education is defined as specially designed instruction provided at no cost that meets the unique needs of a student with a disability. The term includes speech pathology, physical education, and vocational education if it consists of specially designed instruction provided at no cost to the parent and is designed to meet the unique needs of a student with a disability.

Related services are defined as developmental, corrective, and other supportive services that are required to assist a student with a disability to benefit from special education. The term includes transportation, speech pathology and audiology, psychological services, physical and occupational therapy, recreation, including therapeutic recreation, counseling services, including rehabilitation counseling, medical services for diagnostic or evaluation purposes, school health services, social work services in schools, parent counseling and training, and assistive technology services and devices.

Complete definitions of these terms may be found in the State Plan for Special Education or the compliance plan of the local school district.

Project ACCESS

Project ACCESS manages an autism resource library that includes books, audio tapes, videotapes and tests that are available for free check out by mail. ACCESS publishes a quarterly newsletter and offers fact sheets and packets on topics of special interest. ACCESS offers year round trainings taught by its staff of autism resource specialists. These trainings include the Autism Institute which consists of the Introduction to Autism, and the choice of either Working with Autistic Students in the Schools or Working with Autistic Students in the Preschool. ACCESS also offers workshops on Assessment of Students with Autism for School Placement and Programming, Educating Students with Autism in the Least Restrictive Environment, Sensory Integration and the Student with Autism, Working with High Functioning Students with Autism, and other special topics.

Autism Projects

Services provided by the Missouri Autism Projects described in a previous section may include, but are not limited to:

- * Assessment
- * Advocacy training
- Behavior management training and supports
- Communication and language therapy
- Consultation on individualized education and habilitation plans
- Crisis intervention
- Information and referral assistance
- Music therapy
- Occupational therapy, sensory integration therapy, and consultation
- Parent or caregiver training
- Public education and information dissemination
- Respite care
- Professionals/paraprofessional training

The availability of these services may vary from project to project based on needs assessment, funding and policies established by the parent advisory committees. All of the projects do not offer all of the above services nor do all individuals with autism receive all the services. Appropriate services received are determined by the person's individual needs based upon evaluation information.

The services are defined in the contract with the parent advisory committee, the provider, and the DMH.

Department of Elementary and Secondary Education

The Department of Elementary and Secondary Education is responsible for the provision of the services identified in the previous section to students enrolled in the state schools for Deaf, Blind, and Severely Handicapped.

Family Support

Department of Elementary and Secondary Education

The Division of Special Education provides fiscal support to Missouri's parent information and training program which is known as MPACT (Missouri Parents Act) to support their IEP volunteer program. These IEP volunteers are available to assist any parent in the IEP process.

Division staff also provide technical assistance to parents via telephone calls and presentations.

A Parent's Guide to Special Education in Missouri is available to parents upon request from either MPACT or DESE. This booklet provides information concerning rights and responsibilities as a parent of a child with a disability.

Autism Projects

The autism projects are established as family support programs structured to provide training and supports for individuals with autism and their families to maintain and enhance family caregiving. The various supports are available to:

- Provide intensive training in the family's home (or other location of their choice) for parents/caregivers and other family members
- Provide on-call crisis intervention and consultation to families
- Organize and conduct training sessions for families/ caregivers on taopics identified by parents with followup consultation and assistance
- Support families in understanding their legal rights and those of their children and in advocating for appropriate services
- Develop the community integration skills of the individual with autism
- Assist individuals with autism in developing their potential for independence

Resource Identification/Professional Development

Department of Elementary and Secondary Education

Three major technical assistance projects are supported by the DESE:

- ** Project ACCESS Since 1985, the DESE has funded ACCESS, a discretionary project that provides support and technical assistance to school districts serving students with autism. ACCESS offers phone consultation, training, and materials for loan. ACCESS also provides training to local districts that want to establish an "in district teacher/consultant" on autism. Training for these "in district teacher/consultants" occurs annually. ACCESS also maintains a listing of additional consultants who have received training and have experience with students with autism. These consultants are available for hire as independent contractors for local school districts. ACCESS is located in Springfield; phone (417) 836-4118.
- ** CISE The Center for Innovations in Special Education's mission is "to provide professional development services and resources for those who ensure all learners achieve their potential." To support this mission, the Center provides a number of training and educational opportunities, publishes the quarterly newsletter *Missouri Innovations in Special Education*, and maintains an extensive library of materials that are available for short-term loan. CISE is located in Columbia; phone (800) 976-2473.
- ** Technology Center for Special Education The Technology Center for Special Education provides training, information, and technical assistance in assistive technology, specific to computer access and augmentative and alternative communication. Services and products are available to school districts, colleges, and universities. The Technology Center is located in Kansas City; phone (800) 872-7066.

Autism Projects

P rofessional development functions of the Autism Projects are to:

- Conduct training for professionals and paraprofessionals who are working with individuals with autism and their families with emphasis around the specific needs of the individual with autism
- Invite local school district staff to participate in various training activities conducted by the projects
- Assist families in obtaining needed services from other state and local agencies which are not available through the projects
- Become knowledgeable of innovative effective programs and research in the support, care, and treatment of individuals with autism and their families
- Be available to assist the local school district and the parents in developing the child's appropriate services

Collaboration at the State Level

The DMH and the DESE are committed to collaborative planning and outcomes for students with autism and their families. Every spring and fall, representatives from the DESE and five local school districts which are located in the five geographic areas of the autism projects and nominated through Missouri Council of Administrators of Special Education (MOCASE) will meet with the DMH staff and the Missouri Advisory Committee on Autism to (1) identify statewide issues and initiatives; and (2) develop a plan of action which will include methods to evaluate results. Outcomes of these discussions might include: legislative initiatives, promotion of local or regional collaborations, collaborative training at the state level, demonstration projects, and/or revision of this agreement.

Collaboration at the Local/Regional Level

Joint planning between autism projects and certain local school districts or Local Administrators for Special Education (LASE) groups should occur at the local or regional level. Most LASE groups are regional structures comprised of approximately 50-60 districts. Typically, the special education director of local districts attend these monthly meetings which focus on current topics and issues regarding special education services. Examples of activities that could be promoted at the regional/local level could include the following:

- Develop a collaborative regional training system for families, teachers and other school staff, autism project staff, medical professionals, university faculty, and/or others interested in autism
- Sponsor inservice training opportunities based upon local/ regional priorities
- Develop a regional service directory
- Commit to common planning time (with parent consent) for the development of IEPs, IHPs, etc.
- Share, with parent consent and review, diagnostic and other pertinent information to avoid duplication in evaluation and/or service delivery, etc.

Review of Agreement

A nnually, representatives of the Department of Elementary and Secondary Education and the Department of Mental Health will review this agreement and make modifications as mutually agreed.